

09/390954

COMMUNICATION INTERFACE FOR PROVIDING ACCOUNTING SUPPORT FOR
PRINT SERVICES

Dear Examiner Danneman-

Here are the edited results of the search noted above.

You can jump to each section using the hotlinks below or by using Word's "find" function {CTRL+F} to search for three asterisks{***}.

If you have any questions, please don't hesitate to call, visit, or e-mail.

Regards,

Heidi Myers

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[Subject search – Patent Files, Non Full-Text](#)

[Subject search – Patent Files, Full-Text](#)

[Subject search – Non-Patent Literature, Non Full-Text](#)

[Subject search – Non-Patent Literature, Full-Text](#)

[Results Set 1](#)

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***Subject search – Patent Files, Non Full-Text

File 344:Chinese Patents Abs Jan 1985-2006/Jan
(c) 2006 European Patent Office
File 347:JAPIO Dec 1976-2007/Dec(Updated 080328)
(c) 2008 JPO & JAPIO
File 350:Derwent WPIX 1963-2008/UD=200869
(c) 2008 Thomson Reuters
File 371:French Patents 1961-2002/BOPI 200209
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Set	Items	Description
S1	7781	(PRINT OR PRINTER OR PRINTING) (3N) (AGENT?? OR MANAGER??) OR SPOOLER?? OR SPOOL() FOLDER?? OR (PRINT OR FILE) () (PATH OR PATHS)
S2	4211	(PRINT OR PRINTER OR PRINTING) (3N) (SERVICE OR SERVICES OR - UTILITY OR UTILITIES)
S3	8597638	NETWORK??? OR INTERFAC??? OR API OR CONNECT???? OR COORDINAT???? OR COMMUNICAT???? OR SEND??? OR SENT OR TRANSMIT???? OR TRANSMIS????
S4	52485	(PRINT OR PRINTER OR PRINTING) (3N) (JOB OR JOBS OR ACTIVITY OR ACTIVITIES OR OUTPUT OR OUTPUTS OR PRODUCT OR PRODUCTS OR - PRODUCTION OR CALL OR CALLS OR REQUEST OR REQUESTS)
S5	2963591	ACCOUNT??? OR AUDIT??? OR TRACK??? OR MONITOR??? OR RECORD??? OR REPORT??? OR DATA(3N) (COLLECT??? OR COLLECTION) OR OUTPUT(3N) MANAG?
S6	6252593	STATUS OR STATUSES OR COST OR COSTS OR EXPENSE OR EXPENSES OR RESOURCES OR CONSUMPTION OR PAPER OR PAPERS OR CARDSTOCK OR WEIGHT OR WEIGHTS OR COPIES OR PAGES OR # OR NUMBER OR NUMBERS OR USER OR USERS OR COLOR OR COLORS OR MONOCHROME
S7	4689	S3 AND (S1 OR S2)
S8	665891	S5(S) S6
S9	760	S7 AND S8
S10	6978	S4 AND S8
S11	239	S10 AND S7
S12	4	S11 AND IC=G07B
S13	4089	S4(25N) S8
S14	2410	S3(25N) (S1 OR S2)
S15	93	S13 AND S14
S16	28	S15 AND AY=1955:2000
S17	28	IDPAT (sorted in duplicate/non-duplicate order)
S18	28	IDPAT (primary/non-duplicate records only)

18/5/4 (Item 4 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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0012717658 - Drawing available
WPI ACC NO: 2002-569594/200261
XRPX Acc No: N2002-450946
Server for printer, forms web page which shows proportion of customer's budget consumption, and provides to customer
Patent Assignee: FUJII XEROX CO LTD (XERF)
Inventor: ICHIYANAGI Y; ISHII K

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 2002163511	A	20020607	JP 2000363805	A	20001129	200261 B
JP 4154854	B2	20080924	JP 2000363805	A	20001129	200864 E

Priority Applications (no., kind, date): JP 2000363805 A 20001129

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2002163511	A	JA	11	7	
JP 4154854	B2	JA	14		Previously issued patent JP 2002163511

Alerting Abstract JP A

NOVELTY - The web page which shows the proportion of a customer's budget consumption is formed by acquiring customer's printing budget and being registered into a controller (212) of a main system (20) and the total usage amount data, and is provided to the customer (50).

DESCRIPTION - An INDEPENDENT CLAIM is included for provisioning service provision method.

USE - Server for printer.

ADVANTAGE - Supports the customer's printing budget control.

DESCRIPTION OF DRAWINGS - The figure shows the entire structure of the server. (Drawing includes non-English language text).

20 Main system

50 Customer

212 Controller

Title Terms/Index Terms/Additional Words: SERVE; PRINT; FORM; WEB; PAGE; SHOW; PROPORTION; CUSTOMER; BUDGET; CONSUME

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

B41J-0029/38	A	I	F	R	20060101
B41J-0029/38	A	I	L	B	20060101
G06F-0019/00	A	I	L	B	20060101
G06F-0019/00	A	I	L	R	20060101
G06F-0003/12	A	I	L	B	20060101
G06F-0003/12	A	I	L	R	20060101
G06Q-0010/00	A	I	L	B	20060101
G06Q-0010/00	A	I	L	R	20060101
G06Q-0030/00	A	I	F	B	20060101
G06Q-0030/00	A	I	L	R	20060101
G06Q-0050/00	A	I	L	B	20060101
G06Q-0050/00	A	I	L	R	20060101
B41J-0029/38	C	I		B	20060101
B41J-0029/38	C	I	F	R	20060101
G06F-0019/00	C	I		B	20060101
G06F-0019/00	C	I	L	R	20060101
G06F-0003/12	C	I		B	20060101
G06F-0003/12	C	I	L	R	20060101
G06Q-0010/00	C	I		B	20060101
G06Q-0010/00	C	I	L	R	20060101
G06Q-0030/00	C	I		B	20060101
G06Q-0030/00	C	I	L	R	20060101
G06Q-0050/00	C	I		B	20060101

G06Q-0050/00 C I L R 20060101

File Segment: EngPI; EPI;
DWPI Class: T01; T04; P75
Manual Codes (EPI/S-X): T01-C05A1; T01-J05A2B; T04-G10

18/5/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2008 Thomson Reuters. All rts. reserv.
0012657844 - Drawing available
WPI ACC NO: 2002-507580/200254
XRPX Acc No: N2002-401699
Print job management apparatus has print execution module which keeps
mother job in held status and executes printing of daughter jobs
Patent Assignee: SEIKO EPSON CORP (SHIH)
Inventor: GASSHO K; NAGAI N
Patent Family (4 patents, 2 countries)
Patent Application

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20020060807	A1	20020523	US 2001988038	A	20011116	200254 B
JP 2002157098	A	20020531	JP 2000354348	A	20001121	200254 E
JP 3622670	B2	20050223	JP 2000354348	A	20001121	200514 E
US 7233417	B2	20070619	US 2001988038	A	20011116	200741 E

Priority Applications (no., kind, date): JP 2000354348 A 20001121; US
2001988038 A 20011116

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020060807	A1	EN	13	6	
JP 2002157098	A	JA	10		
JP 3622670	B2	JA	14		Previously issued patent JP 2002157098

Alerting Abstract US A1

NOVELTY - An instruction module inputs a printing instruction to a print job in a held status. A job module creates daughter job from the print job, in response to the printing instruction. A print execution module keeps a mother job in the held status and executes printing of the daughter job.

DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- 1.Job management method; and
- 2.Recorded medium storing job management program.

USE - For managing statuses of several print jobs received from computers.

ADVANTAGE - Avoids non-required printing in the process of storing a frequently used document in the spool buffer, effectively. Prevents the required print job from being mistakenly eliminated from the buffer.

DESCRIPTION OF DRAWINGS - The figure shows the outline of the status defined by international standard ISO/IEC10175-1.

Title Terms/Index Terms/Additional Words: PRINT; JOB; MANAGEMENT; APPARATUS
; EXECUTE; MODULE; KEEP; MOTHER; HELD; STATUS; DAUGHTER

Class Codes

International Classification (Main): G06F-003/12

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0003/12	A	I	R	20060101
G06F-0015/82	A	I	L	B
G06F-0003/12	A	I	L	B
H04N-0001/21	A	I	F	B
G06F-0003/12	C	I	R	20060101
G06F-0015/76	C	I	B	20060101
G06F-0003/12	C	I	B	20060101
H04N-0001/21	C	I	B	20060101

ECLA: G06F-003/12J

US Classification, Current Main: 358-001150, 358-403000; Secondary: 358-001130, 358-001150

US Classification, Issued: 3581.15, 358403, 3581.15, 3581.13

File Segment: EngPI; EPI;

DWPI Class: T01; T04; P74

Manual Codes (EPI/S-X): T01-C05A1; T01-H05A; T01-N01D3; T01-S03; T04-G10E

18/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012489884 - Drawing available

WPI ACC NO: 2002-437183/200247

XRPX Acc No: N2002-344148

Print service management method involves collecting and analyzing data related to print service provided to controller through network communication link

Patent Assignee: HEWLETT-PACKARD CO (HEWP); HEWLETT-PACKARD DEV CO LP (HEWP)

Inventor: HOBBS G B; PALMER D J

Patent Family (3 patents, 28 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 1197840	A2	20020417	EP 2001109932	A	20010424	200247 B
JP 2002207789	A	20020726	JP 2001313250	A	20011010	200264 E
US 6981015	B1	20051227	US 2000686007	A	20001010	200603 E

Priority Applications (no., kind, date): US 2000686007 A 20001010

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 1197840	A2	EN	27	17		

Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

JP 2002207789 A JA 29

Alerting Abstract EP A2

NOVELTY - A network communication link (30) is provided between a print provider (14) and a print managing system controller (28) registering print services provided by print provider. Data related to the print services provided by the print provider are collected and analyzed by system controller.

DESCRIPTION - An INDEPENDENT CLAIM is also included for print service management system.

USE - For managing print services offered by a print provider using Internet, by statistical analysis of the print services.

ADVANTAGE - Efficiently monitors, analyzes, and reports key performance indicators of financial and production information of the print services.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the print service management system.

14 Print provider

28 Print managing system controller

30 Network communication link

Title Terms/Index Terms/Additional Words: PRINT; SERVICE; MANAGEMENT;

METHOD; COLLECT; DATA; RELATED; CONTROL; THROUGH; NETWORK; COMMUNICATE; LINK

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

B41J-0029/38 A I F R 20060101

G06F-0003/12 A I R 20060101

G06Q-0010/00 A I R 20060101

G06Q-0030/00 A I L R 20060101

G06Q-0050/00 A I L R 20060101

B41J-0029/38 C I F R 20060101

G06F-0003/12 C I R 20060101

G06Q-0010/00 C I R 20060101

G06Q-0030/00 C I L R 20060101

G06Q-0050/00 C I L R 20060101

ECLA: G06F-003/12J, G06Q-010/00C

US Classification, Issued: 709201, 3581.15

File Segment: EngPI; EPI;

DWPI Class: T01; T04; P75

Manual Codes (EPI/S-X): T01-C05A1; T04-G10E

18/5/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012487292 - Drawing available

WPI ACC NO: 2002-434462/200246

XRPX Acc No: N2002-341972

Print control apparatus for network system, changes status of group job, when status of one of the print jobs included in group job is changed

Patent Assignee: CANON KK (CANO); KIMURA M (KIMU-I)

Inventor: KIMURA M

Patent Family (4 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20020042797	A1	20020411	US 2001969819	A	20011004	200246 B
JP 2002182879	A	20020628	JP 2001297448	A	20010927	200258 E
JP 3624175	B2	20050302	JP 2001297448	A	20010927	200516 E
US 7315404	B2	20080101	US 2001969819	A	20011004	200804 E

Priority Applications (no., kind, date): JP 2000307892 A 20001006; JP 2001297448 A 20010927; US 2001969819 A 20011004

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020042797	A1	EN	24	17	
JP 2002182879	A	JA	11		
JP 3624175	B2	JA	14		Previously issued patent JP 2002182879

Alerting Abstract US A1

NOVELTY - A client print system (707) continuously executes the print jobs of a group job, in a designed order. A print system/user interface (711) allows the user to check the status of the print jobs. A server print system (708) changes the status of the group job, when the status of one of the print jobs included in the group job is changed.

DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

1. Print control method;
2. Computer program for controlling group print job;
3. Print system; and
4. Computer readable storage medium storing group print job control program.

USE - For controlling execution of print jobs in network system.

ADVANTAGE - When status of a print job is stopped processing of other print jobs is stopped, thereby preventing wasteful processing in accordance with the status of group job.

DESCRIPTION OF DRAWINGS - The figure shows the software module configurations of client PC and server.

707 Client print system

708 Server print system

711 Print system/user interface

Title Terms/Index Terms/Additional Words: PRINT; CONTROL; APPARATUS; NETWORK; SYSTEM; CHANGE; STATUS; GROUP; JOB; ONE

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

B41J-0029/38	A	I	F	R	20060101
G06F-0011/32	A	I	L	B	20060101
G06F-0003/12	A	I		R	20060101
G06F-0003/14	A	I	L	B	20060101
H04N-0001/32	A	I	F	B	20060101
H04N-0001/333	A	I	L	B	20060101
B41J-0029/38	C	I	F	R	20060101
G06F-0011/32	C	I	L	B	20060101
G06F-0003/12	C	I		R	20060101
G06F-0003/14	C	I	L	B	20060101
H04N-0001/32	C	I	F	B	20060101
H04N-0001/333	C	I	L	B	20060101

ECLA: G06F-003/12C

US Classification, Current Main: 715-274000

US Classification, Issued: 707500, 358406, 3581.15, 358441, 3581.13

File Segment: EngPI; EPI;

DWPI Class: T01; T04; P75

Manual Codes (EPI/S-X): T01-C05A1; T01-N02A2; T01-S03; T04-G10E

18/5/10 (Item 10 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2008 Thomson Reuters. All rts. reserv.
 0012317865 - Drawing available
 WPI ACC NO: 2002-259514/200231
 XRPX Acc No: N2002-201221
 Internet based image print order system transmits print request and
 digital image data to order receiving server which outputs print command
 to service shop
 Patent Assignee: FUJI PHOTO FILM CO LTD (FUJF); FUKADA S (FUKA-I);
 KUROKAWA T (KURO-I); YAMASHITA Y (YAMA-I)
 Inventor: FUKADA J; FUKADA S; KUROKAWA T; YAMASHITA Y
 Patent Family (4 patents, 29 countries)
 Patent Application

Number	Kind	Date	Number	Kind	Date	Update
EP 1161079	A2	20011205	EP 2001304834	A	20010601	200231 B
CN 1327213	A	20011219	CN 2001118533	A	20010530	200231 E
JP 2001344428	A	20011214	JP 2000165999	A	20000602	200231 E
US 20010049640	A1	20011206	US 2001870475	A	20010601	200231 E

Priority Applications (no., kind, date): JP 2000165999 A 20000602

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 1161079	A2	EN	9	6		

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR
 IE IT LI LT LU LV MC MK NL PT RO SE SI TR
 JP 2001344428 A JA 7

Alerting Abstract EP A2

NOVELTY - A terminal (4) connected to order receiving servers (2-1,2-2),
 transmits print request data and digital image data for printing to the
 server, using server address stored in a recording medium (5). The server
 outputs a print command to service shops (3-1 - 3-3) based on the
 digital data.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.Digital image data storable recording medium;
- 2.Digital image data storable recording medium providing method

USE - For ordering printing of digital images through internet.

ADVANTAGE - Enables ordering printing of digital images easily and
 readily by transmitting the print order request and printing data to an
 order receiving server.

DESCRIPTION OF DRAWINGS - The figure shows a schematic view of an image
 print order system.

- 2-1,2-2 Order receiving servers
- 3-1 - 3-3 Service shops
- 4 Terminal
- 5 Recording medium

Title Terms/Index Terms/Additional Words: BASED; IMAGE; PRINT; ORDER;
 SYSTEM; TRANSMIT; REQUEST; DIGITAL; DATA; RECEIVE; SERVE; OUTPUT; COMMAND
 ; SERVICE; SHOP

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0010/00 A I L R 20060101
 G06Q-0030/00 A I L R 20060101
 G06Q-0050/00 A I L R 20060101
 G07F-0017/26 A I F R 20060101
 H04N-0001/21 A I R 20060101
 G06Q-0010/00 C I L R 20060101
 G06Q-0030/00 C I L R 20060101
 G06Q-0050/00 C I L R 20060101
 G07F-0017/00 C I F R 20060101
 H04N-0001/21 C I R 20060101

ECLA: H04N-001/21C

ICO: T04N-201:21C3Q, T04N-201:21C3R, T04N-201:32C4E, T04N-201:32C4Q

US Classification, Current Main: 705-026000

US Classification, Issued: 70526

File Segment: EPI;

DWPI Class: T03; W02

Manual Codes (EPI/S-X): T03-A06C; W02-J02B; W02-J03D

18/5/16 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0010642266 - Drawing available

WPI ACC NO: 2001-249791/200126

XRPX Acc No: N2001-178118

Charging system for network printer has calculation parameter modification unit which applies acquired program and parameter to billing estimation calculation unit

Patent Assignee: RICOH KK (RICO)

Inventor: NIWA Y

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 2001043053	A	20010216	JP 1999213397	A	19990728	200126 B

Priority Applications (no., kind, date): JP 1999213397 A 19990728

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2001043053	A	JA	16	6	

Alerting Abstract JP A

NOVELTY - A calculation parameter acquisition unit acquires program and parameter which are used for a billing estimation calculation unit. A calculation parameter modification unit applies the acquired program and parameter to the billing estimation calculation unit.

DESCRIPTION - An account estimation calculation unit computes quantity of printing and the estimate of cash account from information on different usage service input from users (111,121,131). A print manager (150) manages and computes billing with respect to a user that inputs printing demand, from the content of the printing demand transmitted by a printing demand generator to printers (160,170,180) connected to a network (100). An INDEPENDENT CLAIM is also included for a charging method for network

printer.

USE - For network printer.

ADVANTAGE - Prevents concentration of printing job on single printer.
Changes account calculation procedure in network printer.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of a printing system to which the charging system is used. (Drawing includes non-English language text).

100 Network

111,121,131 Users

150 Print manager

160,170,180 Printers

Title Terms/Index Terms/Additional Words: CHARGE; SYSTEM; NETWORK; PRINT;
CALCULATE; PARAMETER; MODIFIED; UNIT; APPLY; ACQUIRE; PROGRAM; BILL;
ESTIMATE

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

B41J-0029/38 A I L R 20060101

G03G-0021/00 A I F R 20060101

G03G-0021/02 A I L R 20060101

G06F-0003/12 A I L R 20060101

G06Q-0030/00 A I L R 20060101

G06Q-0050/00 A I L R 20060101

B41J-0029/38 C I L R 20060101

G03G-0021/00 C I F R 20060101

G03G-0021/02 C I L R 20060101

G06F-0003/12 C I L R 20060101

G06Q-0030/00 C I L R 20060101

G06Q-0050/00 C I L R 20060101

File Segment: EngPI; EPI;

DWPI Class: S06; T01; T04; P75; P84

Manual Codes (EPI/S-X): S06-A14C; T01-C05A; T04-G10

18/5/17 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0010460860 - Drawing available

WPI ACC NO: 2001-060375/200107

XPX Acc No: N2001-045173

Network printing system has client print server links to receive and display features and status of each print job sent to printing devices from client

Patent Assignee: ELECTRONICS IMAGING INC (ELIM-N)

Inventor: HOLTZMAN R; RICHTER B S

Patent Family (5 patents, 85 countries)

Patent		Application		Kind		Update	
Number	Kind	Date	Number	Kind	Date	Update	
WO 2000054138	A1	20000914	WO 2000US6243	A	20000310	200107	B
AU 200035229	A	20000928	AU 200035229	A	20000310	200107	E
EP 1159671	A1	20011205	EP 2000913867	A	20000310	200203	E
			WO 2000US6243	A	20000310		
US 6678068	B1	20040113	US 1999267093	A	19990311	200405	E
AU 771903	B2	20040408	AU 200035229	A	20000310	200456	E

Priority Applications (no., kind, date): US 1999267093 A 19990311

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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WO 2000054138	A1	EN	66	30		
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National Designated States,Original: AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH
GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200035229	A	EN			Based on OPI patent	WO 2000054138
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EP 1159671	A1	EN			PCT Application	WO 2000US6243
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					Based on OPI patent	WO 2000054138
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Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE
IT LI LU MC NL PT SE

AU 771903	B2	EN			Previously issued patent	AU 200035229
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					Based on OPI patent	WO 2000054138
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Alerting Abstract WO A1

NOVELTY - Output printing devices (40a) of copier and printer are connected to a network (30) to receive print jobs from network to which a client (12a) is connected. A client server link (16) is connected to the computer to receive and display the number of features from the device (40a) via network connection. The server link receives and displays status of each print job sent to the device (40a) from the client.

DESCRIPTION - A print server (32a) receives the print jobs from the network and sends the jobs to the output printing device. The server receives the features such as paper input tray information, toner level information, fuser level information, paper output tray information and output printing device service information from the output printing device. The features are sent through the network connection to the computer (12a). An administrative print server is connected to the network to receive and display the features from the output printing device, and to display the status information regarding each of the print jobs sent to any of the output printing devices from each of the client computers (12a-12n). An INDEPENDENT CLAIM is also included for process for displaying and controlling number of print jobs at printing output devices connected to network.

USE - For controlling and monitoring operation of remote printers and copiers connected to computer network.

ADVANTAGE - Provides a client print server link, to allow a client user at a client computer to access information and control each of their jobs quickly and efficiently within a single application. Provides an administrative print server link to provide detailed system information and control for multiple client users, print servers and output devices.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of networked printing system.

12a-12n Client computers

16 Client server link

30 Network

32a Print server

40a Output printing device

Title Terms/Index Terms/Additional Words: NETWORK; PRINT; SYSTEM; CLIENT;

SERVE; LINK; RECEIVE; DISPLAY; FEATURE; STATUS; JOB; SEND; DEVICE

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0003/12 A I R 20060101

G06F-0003/12 C I R 20060101

ECLA: G06F-003/12C1

US Classification, Issued: 3581.15, 3581.1

File Segment: EPI;

DWPI Class: S06; T01; T04

Manual Codes (EPI/S-X): S06-A14E; T01-C05A1; T01-H07C5S; T04-G10E

18/5/19 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0009138608 - Drawing available

WPI ACC NO: 1999-059554/199905

XRPX Acc No: N1999-044371

Printing system in interactive computer network - initiates printing of prepared output file at printer designated by user terminal

Patent Assignee: LYNX THERAPEUTICS INC (LYNX-N); QUOTRON SYSTEMS INC (QUOT-N)

Inventor: FARRY M; FEARON K L; GRYAZNOV S M; HIRSCHBEIN B L; MALHOTRA H K; MCCURDY S N; NELSON J S; SCHULTZ R G

Patent Family (2 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5848261	A	19981208	US 1994236896	A	19940502	199905 B
			US 1996603506	A	19960220	
CZ 199802629	A3	19990512	WO 1996US10418	A	19960614	199925 E
			CZ 19982629	A	19960614	

Priority Applications (no., kind, date): US 1994236896 A 19940502; US 1996603506 A 19960220; US 1996603506 A 19960221

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5848261	A	EN	15	5	Continuation of application US 1994236896
CZ 199802629	A3	CS			PCT Application WO 1996US10418 Based on OPI patent WO 1997031009

Alerting Abstract US A

The system has print manager interface (20) in each user terminal (12) that detects the output generated by an application of the user terminal and stores it in a named output file according to a predetermined naming scheme. The interface prepares the named output file for transmission to one of the host servers designated by the user terminal application and initiates transmission of the prepared output file in accordance with the network protocol. A host printer interface in each host server receives an output file from a user terminal and creates a host print that initiates printing of the prepared output file at a printer

designated by the user terminal through the application.

ADVANTAGE - Supports user terminal having a variety of operating systems at reduced cost. Enables user terminals with different operating systems or operating with different network vendor systems to have access to common spooling schemes. Number of printer accessed by user terminal is not limited to number of printer ports at user terminal. Increases sharing of network resources and accommodates additional printers added to network.

Title Terms/Index Terms/Additional Words: PRINT; SYSTEM; INTERACT; COMPUTER; NETWORK; INITIATE; PREPARATION; OUTPUT; FILE; DESIGNATED; USER; TERMINAL

Class Codes

International Classification (Main): C07H-021/00, G06F-003/00

(Additional/Secondary): C07H-019/10, C07H-019/20

ECLA: C07H-019/10E, C07H-019/20, C07H-021/00C4, G06F-003/048A1P, G06F-009/455A

US Classification, Current Main: 703-023000; Secondary: 358-001130

US Classification, Issued: 395500, 395112

File Segment: EPI;

DWPI Class: T01; T04

Manual Codes (EPI/S-X): T01-C05; T01-F05G3; T01-H07C5; T01-M09; T04-G10C

18/5/23 (Item 23 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0008281569 - Drawing available

WPI ACC NO: 1997-390733/199736

XRFX Acc No: N1997-325192

Printer network system for e.g. local area network - transfers printing data received from data terminal requesting printing service to network printer for printed output, after checking registration of requesting user in printing server

Patent Assignee: RICOH KK (RICO)

Inventor: OTA N

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 9171444	A	19970630	JP 1995348189	A	19951219	199736 B

Priority Applications (no., kind, date): JP 1995348189 A 19951219

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 9171444	A	JA	14	12	

Alerting Abstract JP A

The system connects several data terminals (T1-Tn), a network printer (PN) and a printer server (PS) through an installed network (NT). The data terminals use the printing service offered by the printer server. The network printer records and provides the printed output of the printing data received from the data terminals. The printer server stores a printing management data table to which large printable data capacity user names are registered.

Printing service request data, which include header data showing the amount of printing data, are received by the printer server from a data terminal. When large printing data capacity is determined based on the received header data, the registration of the user name, who demanded utilisation of the printing service, is checked in the printing management data table. If registered, the demanded printing service is provided and the printing data are received from the requesting data terminal. The received printing data are then transferred to the network printer for the printed output.

ADVANTAGE - Prevents delayed printing operation within network even if several users demanded printing. Ensures smooth printing service.

Title Terms/Index Terms/Additional Words: PRINT; NETWORK; SYSTEM; LOCAL; AREA; TRANSFER; DATA; RECEIVE; TERMINAL; REQUEST; SERVICE; OUTPUT; AFTER; CHECK; REGISTER; USER; SERVE

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

B41J-0029/38	A	I	F	R	20060101
B41J-0005/30	A	I	L	R	20060101
G06F-0003/12	A	I	L	R	20060101
B41J-0029/38	C	I	F	R	20060101
B41J-0005/30	C	I	L	R	20060101
G06F-0003/12	C	I	L	R	20060101

File Segment: EngPI; EPI;

DWPI Class: T01; P75

Manual Codes (EPI/S-X): T01-C05A1; T01-H07C5S

***Subject search – Patent Files, Full-Text

File 348:EUROPEAN PATENTS 1978-200841

(c) 2008 European Patent Office

File 349:PCT FULLTEXT 1979-2008/UB=20081023|UT=20081016

(c) 2008 WIPO/Thomson

File 324:GERMAN PATENTS FULLTEXT 1967-200842

(c) 2008 UNIVENTIO/THOMSON

Set	Items	Description
S1	6118	(PRINT OR PRINTER OR PRINTING) (3N) (AGENT?? OR MANAGER??) OR SPOOLER?? OR SPOOL() FOLDER?? OR (PRINT OR FILE) () (PATH OR PATHS)
S2	4428	(PRINT OR PRINTER OR PRINTING) (3N) (SERVICE OR SERVICES OR - UTILITY OR UTILITIES)
S3	3747669	NETWORK??? OR INTERFAC??? OR API OR CONNECT???? OR COORDINAT???? OR COMMUNICAT???? OR SEND??? OR SENT OR TRANSMIT???? OR TRANSMIS????
S4	32571	(PRINT OR PRINTER OR PRINTING) (3N) (JOB OR JOBS OR ACTIVITY OR ACTIVITIES OR OUTPUT OR OUTPUTS OR PRODUCT OR PRODUCTS OR - PRODUCTION OR CALL OR CALLS OR REQUEST OR REQUESTS)
S5	3440233	ACCOUNT??? OR AUDIT??? OR TRACK??? OR MONITOR??? OR RECORD??? OR REPORT??? OR DATA(3N) (COLLECT??? OR COLLECTION) OR OUTPUT(3N) MANAG?
S6	3312290	STATUS OR STATUSES OR COST OR COSTS OR EXPENSE OR EXPENSES OR RESOURCES OR CONSUMPTION OR PAPER OR PAPERS OR CARDSTOCK OR WEIGHT OR WEIGHTS OR COPIES OR PAGES OR # OR NUMBER OR NUMBERS OR USER OR USERS OR COLOR OR COLORS OR MONOCHROME
S7	3293	S3(30N) (S1 OR S2)
S8	554232	S5(30N) (S4 OR S6)
S9	599	S7(S) S8
S10	2	S9 AND IC=(G07B-017/00 OR G07B-0017/00)
S11	7	S9 AND IC=G07B
S12	2535	S3(15N) (S1 OR S2)
S13	400133	S5(12N) S6
S14	1752	S4(20N) S13
S15	94	S12(S) S14
S16	49	S15 NOT AD=20000907:20081030/PR
S17	72	S12(25N) S14
S18	38	S17 NOT AD=20000907:20081030/PR
S19	0	S18 AND IC=G07B
S20	45	S11 OR S18

20/3,K/4 (Item 4 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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02372855

Information processing apparatus, printing system, and monitoring method
Informationsverarbeitungsvorrichtung, Drucksystem und Überwachungsverfahren
dafür

Appareil de traitement d'informations, système d'impression, et procédé de
surveillance

PATENT ASSIGNEE:

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Ohta-Ku, Tokyo 146-8501, (JP), (Applicant designated States: all)

INVENTOR:

Matsugashita, Hayato, c/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko,
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LEGAL REPRESENTATIVE:

Sharp, Alan Cooper (9241991), Canon Europe Ltd. European Patent
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1JA, (GB)

PATENT (CC, No, Kind, Date): EP 1862897 A2 071205 (Basic)

APPLICATION (CC, No, Date): EP 2007108853 070524;

PRIORITY (CC, No, Date): JP 2006148242 060529

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; BA; HR; MK; YU

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06F-0003/12 A I F B 20060101 20070828 H EP

ABSTRACT WORD COUNT: 79

NOTE: Figure number on first page: 18

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200749	1097
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SPEC A	(English)	200749	11094
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Total word count - document A	12191
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Total word count - document B	0
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Total word count - documents A + B	12191
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...SPECIFICATION a change in hardware state from the device controller 901,
and reports information to the printing management service 405 (
connected to the device 104) via the schedule management unit 912 and
the connection management unit 911.

The event management unit 913 receives a change in print job
status in the device controller 901, and reports the change to the
schedule management unit 912. When the change is reported, the schedule
management unit 912 updates the job status included in the schedule
list, and requests the connection management unit 911 to report to the
printing management service 405 (connected to the device 104).

The history management unit 914 is a module for managing print...

20/3,K/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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02308507

Information processing apparatus, peripheral apparatus control method, and
computer readable medium

Informationsverarbeitungsvorrichtung, Steuerverfahren für ein
Peripheriegerät und computerlesbares Medium

Appareil de traitement des informations, procédé de commande d'un appareil

peripherique et support lisible sur un ordinateur
PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542366), 3-30-2 Shimomaruko, Ohta-ku, Tokyo,
(JP), (Applicant designated States: all)

CANON KABUSHIKI KAISHA, (542372), 3-30-2, Shimomaruko, Ohta-kuTokyo
146-8501, (JP), (Applicant designated States: all)

INVENTOR:

HONDA, Hideki, CANON KABUSHIKI KAISHA3-30-2 Shimomaruko Ohta-ku, Tokyo
Tokyo 146-8501, (JP)

LEGAL REPRESENTATIVE:

TBK-Patent (102381), Bavariaring 4-6, 80336 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1821192 A2 070822 (Basic)

APPLICATION (CC, No, Date): EP 2007102540 070216;

PRIORITY (CC, No, Date): JP 200677711 060220

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IS; IT; LI; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; BA; HR; MK; YU

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06F-0003/12 A I F B 20060101 20070530 H EP

ABSTRACT WORD COUNT: 44

NOTE:

Figure number on first page: 5

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200734	1239
SPEC A	(English)	200734	7818
Total word count - document A			9057
Total word count - document B			0
Total word count - documents A + B			9057

...SPECIFICATION print job is sent to the printer 705. The LM 010 is called when the print job is sent to the printer 707. The LM 011 is called when the status monitor 002 and 003 use the Printing and Print Spooler Interfaces 005 and 006 to communicate with the LM. Whereas the LM 009, 010, and 011 are depicted as being isolated...connected to the USB 002 (706). Thus, it is possible to process a plurality of print jobs at once when the printer pool function is on.

<Operation Example of Status Monitor Process According to the First Embodiment>

According to the first embodiment, it is presumed that the Printing and Print Spooler Interfaces have been selected, by the process in Fig. 6, step S604, for communication with the LM. Whereas the first embodiment is constituted of the software described in Fig...

...is a flowchart showing a process wherein the status monitor uses the Printing and Print Spooler Interfaces to obtain the printer status information.

In Fig. 13, the status monitor commences a process of obtaining the printer status, according to a print job, an operator query, or other request from the application or the operating system, per step...

20/3,K/10 (Item 10 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
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 01235277
 Secure printing
 Sichesres Drucken
 Impression securisee
 PATENT ASSIGNEE:
 CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku,
 Tokyo, (JP), (Proprietor designated states: all)
 INVENTOR:
 Iwamoto, Neil Y.,Canon Information Systems Inc., 110 Innovation Drive,
 Irvine, CA 92612, (US)
 Purpura, Don Francis,Canon Information Syst.Inc., 110 Innovation Drive,
 Irvine, CA 92612, (US)
 Koppich, George,Canon Information Systems Inc., 110 Innovation Drive,
 Irvine, CA 92612, (US)
 Gacek, Paul Nicholas,Canon Information Syst.Inc., 110 Innovation Drive,
 Irvine, CA 92612, (US)
 LEGAL REPRESENTATIVE:
 Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. 16 High
 Holborn, London WC1V 6BX, (GB)
 PATENT (CC, No, Kind, Date): EP 1071254 A2 010124 (Basic)
 EP 1071254 A3 040331
 EP 1071254 B1 060503
 APPLICATION (CC, No, Date): EP 2000306190 000720;
 PRIORITY (CC, No, Date): US 357593 990720
 DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
 LU; MC; NL; PT; SE
 EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
 INTERNATIONAL PATENT CLASS (V7): H04L-029/06; H04L-012/22
 INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
 IPC + Level Value Position Status Version Action Source Office:
 H04L-0029/06 A I F B 20060101 20001101 H EP
 H04L-0012/22 A I L B 20060101 20001101 H EP
 ABSTRACT WORD COUNT: 115
 NOTE:
 Figure number on first page: 9
 LANGUAGE (Publication,Procedural,Application): English; English; English
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200104	1193
CLAIMS B	(English)	200618	1617
CLAIMS B	(German)	200618	1427
CLAIMS B	(French)	200618	1771
SPEC A	(English)	200104	11707
SPEC B	(English)	200618	11653
Total word count - document A			12902
Total word count - document B			16468
Total word count - documents A + B			29370

...SPECIFICATION further in Figure 8 is notification client 40 created by
 set top box 10, for monitor of the status of the print job being
 spooled to printer 12 by CPSI spooler 26. Notification client 40
 transmits printer status information back to notification server 41 in
 CHE 6 for use by CPSI spooler 20 to monitor and manage print queues,

and to provide notification information of successful printout...

...SPECIFICATION further in Figure 8 is notification client 40 created by set top box 10, for monitor of the status of the print job being spooled to printer 12 by CPSI spooler 26. Notification client 40 transmits printer status information back to notification server 41 in CHE 6 for use by CPSI spooler 20 to monitor and manage print queues, and to provide notification information of successful printout...

20/3,K/12 (Item 12 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01141244

Method and apparatus for browser-based network management
Verfahren und Vorrichtung zur browser-basierten Netzwerkverwaltung
Procédé et dispositif pour la gestion de réseau basée sur des navigateurs
PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542362), 30-2, Shimomaruko 3-chome, Ohta-kuTokyo
146-8501, (JP), (Proprietor designated states: all)

INVENTOR:

Carcerano, Christopher John, c/o Canon Info. Systems, Inc.,110 Innovation
Dr., Irvine,California 92612, (US)
Barnard, John Dickson, c/o Canon Info. Systems, Inc.,110 Innovation Dr.,
Irvine,California 92612, (US)
Wilson, Jr, Richard Alexander, c/o Canon Info. Systems, Inc.,110
Innovation Dr., Irvine,California 92612, (US)
Gibson, Donald Parke, c/o Canon Info. Systems, Inc.,110 Innovation Dr.,
Irvine,California 92612, (US)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. 16 High
Holborn, London WC1V 6BX, (GB)

PATENT (CC, No, Kind, Date): EP 996253 A2 000426 (Basic)
EP 996253 A3 030416
EP 996253 B1 080709

APPLICATION (CC, No, Date): EP 99306372 990812;

PRIORITY (CC, No, Date): US 176332 981022

DESIGNATED STATES: DE; ES; FR; GB; IT

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 1942605 (EP 2008003346)

INTERNATIONAL PATENT CLASS (V7): H04L-012/24

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

H04L-0012/24 A I F B 20060101 20000205 H EP

ABSTRACT WORD COUNT: 184

NOTE: Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200017	2257
CLAIMS B	(English)	200828	734
CLAIMS B	(German)	200828	743
CLAIMS B	(French)	200828	915

SPEC A	(English)	200017	8497
SPEC B	(English)	200828	9166
Total word count - document A			10756
Total word count - document B			11558
Total word count - documents A + B			22314

...SPECIFICATION in the case of several LANs connected together in a WAN, a printer on the network can become overburdened in responding to all of the administrators' printer managers, detracting from device-specific work such as printout of print jobs.

One aspect of the present invention provides a management tool that allows each user to control, monitor and obtain the status and configuration of a plurality of network devices using a single and preferably familiar interface...

20/3,K/13 (Item 13 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
 (c) 2008 European Patent Office. All rts. reserv.
 01034003
 OPEN SYSTEMS PRINTING
 DRUCKEN IN OFFENEN SYSTEMEN
 IMPRESSION DANS LE CAS DE SYSTEMES OUVERTS
 PATENT ASSIGNEE:
 FMR Corporation, (2387070), 82 Devonshire Street, Boston, MA 02109-3614,
 (US), (Proprietor designated states: all)
 INVENTOR:
 LEIMAN, Oren, S., 28 Breakneck Road, Groton, MA 01450, (US)
 MOSS, Clive H., Apartment 71, 7 Wainwright Road, Winchester, MA 01890,
 (US)
 AIELLO, Albert, Jr., 81 Carisbrooke Road, Wellesley, MA 02181, (US)
 LEGAL REPRESENTATIVE:
 Deans, Michael John Percy (30021), Lloyd Wise, Tregear & Co.,
 Commonwealth House, 1-19 New Oxford Street, London WC1A 1LW, (GB)
 PATENT (CC, No, Kind, Date): EP 919030 A2 990602 (Basic)
 EP 919030 A2 990721
 EP 919030 B1 031008
 WO 97032274 970904
 APPLICATION (CC, No, Date): EP 97907997 970303; WO 97US3334 970303
 PRIORITY (CC, No, Date): US 609776 960301
 DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
 MC; NL; PT; SE
 INTERNATIONAL PATENT CLASS (V7): G06F-015/00; G06F-003/12
 NOTE:
 No A-document published by EPO
 LANGUAGE (Publication,Procedural,Application): English; English; English
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200341	962
CLAIMS B	(German)	200341	782
CLAIMS B	(French)	200341	1040
SPEC B	(English)	200341	4490
Total word count - document A			0
Total word count - document B			7274
Total word count - documents A + B			7274

...SPECIFICATION source computers, without the source computer having

selected a printer for the first multiple pages print job; sending the first multiple pages print job from the print server to a selected output manager connected to at least one printer, the selected output manager being one of multiple output managers, each of the output managers being connected to an arbitrary number of printers; sending the first multiple pages print job from the selected output manager to a first one of the printers; sending a second multiple pages print job automatically from any one of the source computers to the print server, without the source...

...the output managers, the data in the print jobs may be manipulated, for example, two print jobs may be merged into one print job. The method may also include printing the print jobs on paper, sending the print jobs to an electronic mail system, recording the print jobs on microfiche, and recording the print jobs on laser disk. Each of the print jobs may include at least two reports and the method may include sending the print jobs from the source computers to a print server and sending individual reports from the print server to output managers connected to the printers. After sending the print jobs from the source computers to the print server, the method may include... processes.

Additionally, the TCP/IP network allows large print files to be easily and quickly transmitted from a data center of source computers to a remote print shop including the open print server, output managers, and printers. Because print resources are stored on the open print server, print file transmissions are smaller and require less bandwidth. Once the files are transmitted, the source computers may...

20/3,K/14 (Item 14 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00939757

Printing system
Drucksystem
Systeme d'impression
PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku,
Tokyo, (JP), (Proprietor designated states: all)

INVENTOR:

Nakatsuma, Takuji, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome,
Ohta-ku, Tokyo, (JP)
Yagita, Takashi, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome,
Ohta-ku, Tokyo, (JP)
Takeda, Junichi, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome,
Ohta-ku, Tokyo, (JP)
Wanda, Koichiro, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome,
Ohta-ku, Tokyo, (JP)
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Ohta-ku, Tokyo, (JP)
Kakehashi, Takuya, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome,
Ohta-ku, Tokyo, (JP)

LEGAL REPRESENTATIVE:

Pellmann, Hans-Bernd, Dipl.-Ing. et al (9227), Patentanwaltsburo
Tiedtke-Buhling-Kinne & Partner Bavariaring 4-6, 80336 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 854415 A2 980722 (Basic)
EP 854415 A3 000524

EP 854415 B1 040519
APPLICATION (CC, No, Date): EP 97122908 971224;
PRIORITY (CC, No, Date): JP 96350179 961227; JP 96349634 961227; JP
96350208 961227; JP 97268663 971001; JP 97277158 971009; JP 97305739
971107

DESIGNATED STATES: DE; FR; GB; IT; NL
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS (V7): G06F-003/12
ABSTRACT WORD COUNT: 139

NOTE: Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199830	2101
CLAIMS B	(English)	200421	2171
CLAIMS B	(German)	200421	1627
CLAIMS B	(French)	200421	2463
SPEC A	(English)	199830	19594
SPEC B	(English)	200421	19651
Total word count - document A			21698
Total word count - document B			25912
Total word count - documents A + B			47610

...SPECIFICATION client service) 712 being installed and executed, a server (virtual server) 101 with the virtual print server service (server) (virtual print server) 712 being installed and executed, and a network printer configured such as shown in Fig. 6. It is also assumed that the virtual server 101 (703) can always monitor the status of the network printer 105 (701) and can acquire a job identifier for identifying a finished job and the print end page at a constant polling interval. The job identifier may use a job ID...

...SPECIFICATION client service) 712 being installed and executed, a server (virtual server) 101 with the virtual print server service (server) (virtual print server) 712 being installed and executed, and a network printer configured such as shown in Fig. 6. It is also assumed that the virtual server 101 (703) can always monitor the status of the network printer 105 (701) and can acquire a job identifier for identifying a finished job and the print end page at a constant polling interval. The job identifier may use a job ID...

20/3,K/15 (Item 15 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00641663

Apparatus and method for determining the page description language in which a print job is written

Gerat und Verfahren zur Bestimmung der Seitenbeschreibungssprache, in welcher eine Druckaufgabe geschrieben ist
Dispositif et methode pour determiner le langage de description de page dans laquelle une tache d'impression est ecrite

PATENT ASSIGNEE:

XEROX CORPORATION, (219783), Xerox Square, New York 14644,
(US), (Proprietor designated states: all)

INVENTOR:

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 LEGAL REPRESENTATIVE:
 Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721)
 , Maximilianstrasse 58, 80538 Munchen, (DE)
 PATENT (CC, No, Kind, Date): EP 621530 A2 941026 (Basic)
 EP 621530 A3 980617
 EP 621530 B1 041103
 APPLICATION (CC, No, Date): EP 94302804 940420;
 PRIORITY (CC, No, Date): US 52498 930423
 DESIGNATED STATES: DE; FR; GB
 INTERNATIONAL PATENT CLASS (V7): G06F-003/12
 ABSTRACT WORD COUNT: 110
 NOTE:
 Figure number on first page: 6

LANGUAGE (Publication,Procedural,Application): English; English; English
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	833
CLAIMS B	(English)	200445	756
CLAIMS B	(German)	200445	644
CLAIMS B	(French)	200445	848
SPEC A	(English)	EPABF2	5898
SPEC B	(English)	200445	5146
Total word count - document A			6732
Total word count - document B			7394
Total word count - documents A + B			14126

...SPECIFICATION converts the document format used by the workstation into an Interpress(TM) master which is transmitted to the print service . This transfer is implemented by a network queuing subsystem which implements the printing protocol and interfaces with an internal print queue for the tracking of the Interpress(TM) master. The user can see the status of a print job and its place in the queue by making a request through the print server terminal or at the workstation. Once the document has been printed, the print service...

20/3,K/16 (Item 16 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
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 00433402

Computer system and method for work management
 Rechnersystem und Verfahren zur Arbeitsverwaltung
 Systeme et methode d'ordinateur pour gestion de travail
 PATENT ASSIGNEE:

HARTFORD FIRE INSURANCE COMPANY, (2055520), Hartford Plaza, Hartford, Connecticut 06115, (US), (applicant designated states:
 AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

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Pollnow, Russell, 80 Ralph Road, Manchester CO, (US)
Fletcher, Paul, 51 Hartwell Road, West Hartford CO, (US)

LEGAL REPRESENTATIVE:

Arthur, Bryan Edward et al (27782), Withers & Rogers 4 Dyer's Buildings
Holborn, London EC1N 2JT, (GB)

PATENT (CC, No, Kind, Date): EP 472786 A1 920304 (Basic)
EP 472786 B1 960313

APPLICATION (CC, No, Date): EP 90309383 900828;

PRIORITY (CC, No, Date): EP 90309383 900828

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS (V7): G06F-017/60;

ABSTRACT WORD COUNT: 190

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	3861
CLAIMS B	(English)	EPAB96	1173
CLAIMS B	(German)	EPAB96	1266
CLAIMS B	(French)	EPAB96	1374
SPEC A	(English)	EPABF1	16150
SPEC B	(English)	EPAB96	16191
Total word count - document A			20011
Total word count - document B			20004
Total word count - documents A + B			40015

...SPECIFICATION queue managers are also provided to allow an output operator to monitor the flow of reports , forms, letters and checks to be printed. This is helpful when a number of lengthy or specialized print jobs have created a backlog at the time that a top priority print job is sent to the printer . The print queue managers enable an output operator to shift the print jobs in the print queue to accommodate...

...SPECIFICATION queue managers are also provided to allow an output operator to monitor the flow of reports , forms, letters and checks to be printed. This is helpful when a number of lengthy or specialized print jobs have created a backlog at the time that a top priority

print job is sent to the printer . The print queue managers
enable an output operator to shift the print jobs in the print queue to
accommodate...

20/3,K/25 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01378119 **Image available**
ELECTRONIC MAILING SYSTEM
SYSTEME DE COURRIER ELECTRONIQUE
Patent Applicant/Inventor:
MUUS Thomas, Teisensvej 45, DK-5000 Odense C., DK, DK (Residence), DK
(Nationality), (Designated for all)
Legal Representative:
BUDE SCHOU & OSTENFELD AS (agent), Vester Sogade 10, DK-1601 Copenhagen
V., DK
Patent and Priority Information (Country, Number, Date):
Patent: WO 200659311 A2-A3 20060608 (WO 0659311)
Application: WO 20051B54026 20051202 (PCT/WO IB2005054026)
Priority Application: EP 2004287112 20041203
Designated States:
(All protection types applied unless otherwise stated - for applications
2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KN KP KR
KZ LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL
PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AF) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 12384

International Patent Class (v8 + Attributes)
IPC + Level Value Position Status Version Action Source Office:
...EP
G07B-0017/00 ...
Fulltext Availability:
Claims

Claim

... different types of clients with corresponding data file standards such
as MMS (multi-media message service), MPS (multimedia print service
) etc. and network protocols (GSM, GPRS, ISDN etc.).. The client
applications communicate with the corresponding interface
applications 60, 61, 62 and 63 of the system via the communication
network 59 (also shown in figure 7). From these interface applications
communication is established with the...

...print offices (76 for the Boston region), These print offices may be

provided with a number of different dedicated printing apparatuses, for instance a printer 78 for printing post cards, a printer and additional recording means (a CD burner) 79, printers 80 and 81 specifically designed for printing letters and...

20/3,K/26 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.
01088252 **Image available**
CLOSED LOOP POSTAGE METERING SYSTEM
SYSTEME D'AFFRANCHISSEMENT POSTAL EN BOUCLE FERME
Patent Applicant/Assignee:
PITNEY BOWES INC, 1 Elmcroft Road, Stamford, CT 06926, US, US (Residence)
, US (Nationality)
Inventor(s):
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PINTSOV Leon A, 10 Governors Row, West Hartford, CT 06117, US,
MARTIN Murray D, 40 Hull Place, Ridgefield, CT 06877, US,
RYAN Frederick W Jr, 4 Naples Lane, Oxford, CT 06478, US,
Legal Representative:
MALANDRA Charles R Jr (agent), Pitney Bowes Inc., 35 Waterview Drive,
Shelton, CT 06484, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200410255 A2-A3 20040129 (WO 0410255)
Application: WO 2003US22638 20030718 (PCT/WO US03022638)
Priority Application: US 2002397516 20020718
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 8596

Main International Patent Class (v7): G07B-017/00
Fulltext Availability:
Detailed Description

Detailed Description

... to take other corrective action, such as expediting delivery of late pieces. A data center monitors the operations and provides management information to help enhance deliveries. Printing a unique number on mail item is also known. See U.S. Patent No. 6,385,504. The USPS and other carriers have provided track and trace service at different levels of mail or package processing. Most recently, the USPS introduced a new product CONFIRM that helps track mailpieces sent by First-Class Mail or Standard Mail using PLANET Codes.

[007] It is known for postage metering systems to print value-added service requests on a mail items. For example, U.S. Patents Nos. 6,532,452 and 6,463,354 respectively describe sending e-mail notices to a mailer relating to delivery confirmation or to an intended recipient...

20/3,K/27 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00875774
METHOD AND APPARATUS FOR AUTOMATED ON-LINE PRINTING SERVICE
PROCEDE ET APPAREIL DE SERVICE D'IMPRESSION EN LIGNE
Patent Applicant/Assignee:
HEWLETT-PACKARD COMPANY, 3000, Hanover Street, Palo Alto, CA 94304, US,
US (Residence), US (Nationality), (For all designated states except:
US)
Patent Applicant/Inventor:
ROCHE Alex, Placa de Vallvidrera, 2 4art. 3a, 08017 Barcelona, ES, ES
(Residence), ES (Nationality), (Designated only for: US)
Legal Representative:
ORSI Alessandro (agent), Hewlett-Packard Espanola, S.A., Legal
Department, Avda. Graells, 501, 08190 Sant Cugat del Valles, ES,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200208972 A2 20020131 (WO 0208972)
Application: WO 2001EP8306 20010718 (PCT/WO EP0108306)
Priority Application: GB 200017919 20000721; GB 200019668 20000811
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
CA JP US
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 12539
Fulltext Availability:
Detailed Description

Detailed Description
... custom graphics interface for on-demand generation of content.

In step 712, the order is sent electronically to the print manager computer from the print merchant computer. The print manager computer processes the order by manufacturing print products according to the order and ships these to the end user. In step 713, the print manager computer sends tracking message to the print merchant computer enabling tracking of the shipment, of print products to the end user, The print merchant computer relays a shipping notification message to the...

20/3,K/28 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00802545

SYSTEM, METHOD AND RECORDABLE MEDIUM FOR PRINTING SERVICES OVER A NETWORK
AND GRAPHICAL USER INTERFACE
SYSTEME, PROCEDURE ET SUPPORT ENREGISTRABLE RELATIFS A DES SERVICES
D'IMPRESSION TRANSMIS VIA UN RESEAU ET UNE INTERFACE GRAPHIQUE

Patent Applicant/Assignee:

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(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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JACOBS Craig, 77 Boulder Brook Lane, Patterson, NY 12563, US, US
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FINK Doug, 12 West 27th Street, 15th Floor, New York, NY 10001, US, US
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ROBERTS Sean, 12 West 27th Street, 15th Floor, New York, NY 10001, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

SPIVAK Kevin R (et al) (agent), Morrison & Foerster LLP, 755 Page Mill
Road, Palo Alto, CA 94304-1018, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200135312 A2 20010517 (WO 0135312)

Application: WO 2000US31241 20001113 (PCT/WO US0031241)

Priority Application: US 99164723 19991112; US 99165643 19991115; US
99165651 19991115

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7239

Fulltext Availability:

Detailed Description

Detailed Description

... up and user selection of icons.

I 0 First, relevant file information (parameters) will be sent from the
spooler 344 via
theportmonitor346anduploadmanager310toawebserver320(e.g.UPJA). The
relevant file information includes, for example, a handle identifying the
location of the printer, printer name, job id, printing level,
and document information such as color, stapling, etc. After the
relevant file information is sent to the port monitor 346, a check is 5
performed to determine whether a valid component (e.g. a...

20/3,K/29 (Item 11 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
 (c) 2008 WIPO/Thomson. All rts. reserv.
 00784184 **Image available**
 A SYSTEM, METHOD FOR FIXED FORMAT STREAM COMMUNICATION IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
 SYSTEME, PROCEDE ET ARTICLE POUR FLUX DE FORMAT FIXE DANS UN ENVIRONNEMENT A CONFIGURATIONS DE SERVICES DE COMMUNICATION
 Patent Applicant/Assignee:
 ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
 (Residence), US (Nationality)
 Inventor(s):
 BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918, US,
 Legal Representative:
 HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, P.O. Box 52037, Palo Alto, CA 94303-0746, US,
 Patent and Priority Information (Country, Number, Date):
 Patent: WO 200117194 A2-A3 20010308 (WO 0117194)
 Application: WO 2000US24114 20000831 (PCT/WO US0024114)
 Priority Application: US 99386430 19990831
 Designated States:
 (Protection type is "patent" unless otherwise stated - for applications prior to 2004)
 AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW
 (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
 (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
 (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
 (EA) AM AZ BY KG KZ MD RU TJ TM
 Publication Language: English
 Filing Language: English
 Fulltext Word Count: 149954
 Fulltext Availability:
 Detailed Description
 Claims

Claim

... the calling process. Returned is a list containing the requested data as well as the number of reports found. Control Reports . The Control Reports function is responsible for performing various operations on reports . The following services are provided:
 Delete a report request and any associated output
 Print a previously generated report . Update report status .
 231
 In all cases, the report name is passed through an input data block.
 For the print service , a printer name is passed. For status update, the new status code is passed. Request Report. The...

20/3,K/30 (Item 12 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
 (c) 2008 WIPO/Thomson. All rts. reserv.
 00784143
 SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR LOAD BALANCING REQUESTS AMONG
 SERVERS
 SYSTEME, PROCEDE ET ARTICLE POUR EQUILIBREUR DE CHARGE DANS UN
 ENVIRONNEMENT DE STRUCTURES DE SERVICES
 Patent Applicant/Assignee:
 ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
 (Residence), US (Nationality)
 Inventor(s):
 BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918
 , US,
 Legal Representative:
 HICKMAN Paul L (agent), Hickman Coleman & Hughes, LLP, P.O. Box 52037,
 Palo Alto, CA 94303-0746, US,
 Patent and Priority Information (Country, Number, Date):
 Patent: WO 200116739 A2-A3 20010308 (WO 0116739)
 Application: WO 2000US24236 20000831 (PCT/WO US0024236)
 Priority Application: US 99387576 19990831
 Designated States:
 (Protection type is "patent" unless otherwise stated - for applications
 prior to 2004)
 AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
 LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
 TR TT TZ UA UG UZ VN YU ZA ZW
 (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
 (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
 (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
 (EA) AM AZ BY KG KZ MD RU TJ TM
 Publication Language: English
 Filing Language: English
 Fulltext Word Count: 150248
 Fulltext Availability:
 Detailed Description
 Detailed Description
 ... report process maintains an internal database table, a report status
 table, containing information about each report that has been requested
 for generation, including.
 Requester ID
 Report name
 Date/time requested
 Status (requested, in process, complete, or error)
 Report -specific parameters.
 The requester ID, report name, and date/time are used to uniquely
 identify the report . These values are passed to APIs which request
 report status , print or delete a previously generated report .
 227
 All application-defined report writer modules invoke an API to update
 the report status table with a status of "completed" after a

report has been produced or with "error" if the report cannot be generated. An API is...

20/3,K/31 (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784137
SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR DISTRIBUTED GARBAGE
COLLECTION IN ENVIRONMENT SERVICES PATTERNS
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION EN MATIERE DE RECUPERATION
D'ESPACE REPARTI DANS DES MOTIFS DE SERVICES D'ENVIRONNEMENT
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)
Inventor(s):
BOWMAN-AMUAH Michel K, 6416 Peak Vista Circle, Colorado Springs, CO 80918
, US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill
Road, Palo Alto, CA 94304, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200116729 A2-A3 20010308 (WO 0116729)
Application: WO 2000US24238 20000831 (PCT/WO US0024238)
Priority Application: US 99386435 19990831
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 150959

Fulltext Availability:
Detailed Description

Detailed Description

... is provided for use within application programs and within the
application report writer modules. Each API requests a specific report
service (generation, printing, or deletion) which is performed by a
report...

...report process maintains an internal database table, a report status
table, containing information about each report that has been requested
for generation, including.

Requester ID
Report name
Date/time requested
Status (requested, in process, complete, or error)

Report -specific parameters.

The requester ID, report name, and date/time are used to uniquely identify the report. These values are passed to APIs which request report status, print or delete a previously generated report.

228

All application-defined report writer modules invoke an API to update the report status table with a status of "completed" after a report has been produced or with "error" if the report cannot be generated. An API is...

20/3,K/32 (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784136
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR BUSINESS LOGIC SERVICES PATTERNS IN A NETCENTRIC ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION POUR STRUCTURES DE SERVICES DE LOGIQUE DE COMMERCE DANS UN ENVIRONNEMENT S'ARTICULANT AUTOUR DE L'INTERNET

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor, 2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116728 A2-A3 20010308 (WO 0116728)
Application: WO 2000US24197 20000831 (PCT/WO US0024197)
Priority Application: US 99387658 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150863

Fulltext Availability:

Detailed Description

Detailed Description

... is responsible for performing various operations on reports. The following services are provided.

Delete a report request and any associated output
Print a previously generated report .
Update report status .

229

In all cases, the report name is passed through an input data block.
For the print service , a printer name is passed. For status update,
the new status code is passed.

Request Report. The...

20/3,K/33 (Item 15 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784135
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LOCALLY ADDRESSABLE
INTERFACE IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION METTANT EN OEUVRE UNE INTERFACE
ADRESSABLE LOCALEMENT DANS UN ENVIRONNEMENT DE CONFIGURATIONS DE
SERVICES DE COMMUNICATION
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)
Inventor(s):
BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918
, US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,
2029 Century Park East, Los Angeles, CA 09967-3024, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200116727 A2-A3 20010308 (WO 0116727)
Application: WO 2000US24189 20000831 (PCT/WO US0024189)
Priority Application: US 99387064 19990831
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 151048
Fulltext Availability:
Detailed Description

Detailed Description

... provided for use within io application programs and within the
application report writer modules. Each API requests a specific report
service (generation, printing , or deletion) which is performed by a
report manager module.

The report process maintains an internal database table, a report status table, containing information about each report that has been requested for generation, including.

Requester ID
Report name
Date/time requested
Status...

...is responsible for performing various operations on reports. The following services are provided.

Delete a report request and any associated output
Print a previously generated report .

Update report status .

230

In all cases, the report name is passed through an input data block. For the print service , a printer name is passed. For status update, the new status code is passed.

Request Report. The...

20/3,K/34 (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784134
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A CONSTANT CLASS COMPONENT
IN A BUSINESS LOGIC SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE UN COMPOSANT DE CLASSE DE CONSTANCE
DANS UN ENVIRONNEMENT DE SCHEMAS DE SERVICES DE LOGIQUE D'AFFAIRES
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)
Inventor(s):
BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918
, US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, Suite 3800,
2029 Century Park East, Los Angeles, CA 90067-3024, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200116726 A2-A3 20010308 (WO 0116726)
Application: WO 2000US24188 20000831 (PCT/WO US0024188)
Priority Application: US 99387213 19990831
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English

Filing Language: English
Fulltext Word Count: 150446

Fulltext Availability:
Detailed Description

Detailed Description

... is responsible for performing various operations on reports. The following services are provided.

Delete a report request and any associated output
Print a previously generated report .

Update report status .
230

In all cases, the report name is passed through an input data block.
For the print service , a printer name is passed. For status update,
the new status code is passed.

20/3,K/35 (Item 17 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784132

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LEGACY WRAPPER IN A
COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET DISPOSITIF POUR MODULE D'HABILLAGE EXISTANT DANS UN
ENVIRONNEMENT DE SCHEMAS DE SERVICES DE COMMUNICATION

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918
, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill
Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116724 A2-A3 20010308 (WO 0116724)
Application: WO 2000US24084 20000831 (PCT/WO US0024084)
Priority Application: US 99386834 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB
GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN
YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 150947

Fulltext Availability:
Detailed Description

Detailed Description

... is responsible for performing various operations on reports. The following services are provided.

Delete a report request and any associated output
Print a previously generated report .
Update report status .

In all cases, the report name is passed through an input data block.
For the print service , a printer name is passed. For status update, the new status code is passed.

Request Report. The...

20/3,K/36 (Item 18 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784131
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A MULTI-OBJECT FETCH COMPONENT IN AN INFORMATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR COMPOSANT DE RECUPERATION MULTI-OBJET DANS UN ENVIRONNEMENT CARACTERISE PAR DES SERVICES D'INFORMATIONS
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)
Inventor(s):
BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918, US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200116723 A2-A3 20010308 (WO 0116723)
Application: WO 2000US24083 20000831 (PCT/WO US0024083)
Priority Application: US 99386238 19990831
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 150940

Fulltext Availability:
Detailed Description

Detailed Description

... the calling process. Returned is a list containing the requested data as well as the number of reports found.

Control Reports . The Control Reports function is responsible for performing various operations on reports . The following services are provided.

Delete a report request and any associated output
Print a previously generated report .

Update report status .

In all cases, the report name is passed through an input data block.
For the print service , a printer name is passed. For status update, the new status code is passed.

Request Report. The...

20/3,K/37 (Item 19 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00784126

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR AN EXCEPTION RESPONSE TABLE
IN ENVIRONMENT SERVICES PATTERNS

SYSTEME, PROCEDURE ET ARTICLE DE PRODUCTION DESTINES A UNE TABLE DE REPONSE
D'EXCEPTION DANS DES CONFIGURATIONS DE SERVICES D'ENVIRONNEMENT

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918
, US,

Legal Representative:

HICKMAN Paul L (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 38th
Floor, 2029 century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116706 A2-A3 20010308 (WO 0116706)

Application: WO 2000US24086 20000831 (PCT/WO US0024086)

Priority Application: US 99387873 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB
GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN
YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150318

Fulltext Availability:
Detailed Description

Detailed Description

... to network printers. The queued jobs are st@'ed in a print buffer on the print server and are sent to the appropriate network printer as it becomes available. Print services can also provide the client with information including print job status and can manage in-progress print jobs .
Possible Product Options
Novell's Netware Distributed Print Services (NDPS); Novell's Netware UNIX Print Services;
Microsoft...

...Printer Daemon (LPD)

The following are examples of print server products.

Novell's Netware Distributed Print Services (NDPS) - provides central management of print services for NetWare networks .

Novell's Netware UNIX Print Services - a supplement to Novell's NetWare 4.1 server which allows NetWare and UNIX clients...table, containing information about each report that has been requested for generation, including.

Requester ID
Report name
Date/time requested
Status (requested, in process, complete, or error)
Report -specific parameters.

The requester ID, report name, and date/time are used to uniquely identify the report . These values are passed to APIs which request report status , print or delete a previously generated report .

228

All application-defined report writer modules invoke an API to update the report status table with a status of "completed" after a report has been produced or with "error" if the report cannot be generated. An API is...

...is responsible for performing various operations on reports. The following services are provided.

Delete a report request and any associated output
Print a previously generated report .

Update report status .

231

In all cases, the report name is passed through an input data block. For the print service , a printer name is passed. For status update, the new status code is passed.
Request Report. The...

20/3,K/38 (Item 20 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

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00784124

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR A REQUEST SORTER IN A
TRANSACTION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION APPLIQUES DANS UN TRIEUR DE
REQUETES D'UN ENVIRONNEMENT DE STRUCTURES DE SERVICES DE TRANSACTIONS

Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):
BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918
, US,

Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th floor,
2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200116704 A2-A3 20010308 (WO 0116704)
Application: WO 2000US24082 20000831 (PCT/WO US0024082)
Priority Application: US 99386715 19990831

Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 150733

Fulltext Availability:
Detailed Description

Detailed Description
... be acceptable.

26. Selective Printing: It would be desirable for the report architecture
to provide users with the ability to print only selected pages or
sections of the report . This should reduce paper usage, while still
allowing users to obtain a hard copy of the information as required.
27. Print Job Restart: It would be desirable if the report
architecture allowed a print job to be restarted from the -point of
failure rather than having to reprint the entire report . This of
particular concern for very large reports .

Technical Criteria
The following is a list of technical criteria that should be considered
during...

20/3,K/39 (Item 21 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784119

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A REFRESHABLE PROXY POOL IN
A COMMUNICATION ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE POUR GROUPE D'ELEMENTS MANDATAIRES (PROXY)
RAFFRAICHISSABLES DANS UN ENVIRONNEMENT A CONFIGURATIONS DE SERVICES DE
COMMUNICATION

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918
, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill
Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116668 A2-A3 20010308 (WO 0116668)

Application: WO 2000US24113 20000831 (PCT/WO US0024113)

Priority Application: US 99386239 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ
UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149976

Fulltext Availability:

Detailed Description

Claims

Claim

... is provided for use within application programs and within the
application report writer modules. Each API requests a specific report
service (generation, printing, or deletion) which is performed by a
report...

...report process maintains an internal database table, a report status
table, containing information about each report that has been requested
for generation, including:

Requester ID

Report name

Date/time requested

Status (requested, in process, complete, or error)

Report -specific parameters. The requester ID, report name, and
date/time are used to uniquely identify the report. These
values are passed to A

Pls which request report status, print or delete a previously
generated

report .
228
All application-defined report writer modules invoke an A-PI to update the report status table with a status of "completed" after a report has been produced or with "error" if the report cannot be generated. An API is...is responsible for performing various operations on reports. The following services are provided:
Delete a report request and any associated output
Print a previously generated report . Update report status .
231
In all cases, the report name is passed through an input data block. For the print service , a printer name is passed. For status update, the new status code is passed. Request Report. The...

20/3,K/40 (Item 22 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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0548171 **Image available**
NETWORK PRINTING SYSTEM
SYSTEME D'IMPRESSION DE RESEAU
Patent Applicant/Assignee:
DATAPRODUCTS CORPORATION,
Inventor(s):
MANGLAPUS Levi Llyod Garcia,
UCHENIK Igor,
MURPHY Mark Patrick,
ZIA Susan,
EGAN Alistair Michael,
SORKIN Maxim Ariel,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200011544 A1 20000302 (WO 0011544)
Application: WO 99US18737 19990820 (PCT/WO US9918737)
Priority Application: US 98138962 19980824
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU
ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW
ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 6653
Fulltext Availability:
Detailed Description
Detailed Description
... to the user workstation based upon the I 0 extracted network address.
By transmitting the network address of the user workstation in an image controller command of a print job , the printer which services the print job can obtain the network address of the user workstation without receiving additional messages from a monitor task at the user workstation or from an intermediary print server. The 1 5 printer may then associate the...

20/3,K/41 (Item 23 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
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 00391531 **Image available**
 OPEN SYSTEMS PRINTING
 IMPRESSION DANS LE CAS DE SYSTEMES OUVERTS
 Patent Applicant/Assignee:
 FMR CORP,
 Inventor(s):
 LEIMAN Oren S,
 MOSS Clive H,
 AIELLO Albert Jr,
 Patent and Priority Information (Country, Number, Date):
 Patent: WO 9732274 A2 19970904
 Application: WO 97US3334 19970303 (PCT/WO US9703334)
 Priority Application: US 96609776 19960301
 Designated States:
 (Protection type is "patent" unless otherwise stated - for applications
 prior to 2004)
 AU CA JP SG AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
 Publication Language: English
 Fulltext Word Count: 5976

 Fulltext Availability:
 Detailed Description

 Detailed Description
 ... the output managers, the data in the print jobs
 may be manipulated, for example, two print jobs may be
 merged into one print job. The method may also include
 printing the print jobs on paper, sending the print jobs to
 an electronic mail system, recording the print jobs on
 microfiche, and recording the print jobs on laser disk.

 Each of the print jobs may include at least two reports and
 routing may include sending the print jobs from the source
 computers to a print server and sending individual reports
 from the print server to output managers connected to the
 printers. After sending the print jobs from the source
 computers to the print server, the method may include...processes.

 Additionally, the TCP/IP network allows large print
 files to be easily and quickly transmitted from a data
 center of source computers to a remote print shop including
 the open print server, output managers, and printers.
 Because print resources are stored on the open print server,
 print file transmissions are smaller and require less
 bandwidth. once the files are transmitted, the source
 computers may...

***Subject search – Non-Patent Literature, Non Full-Text

File 2:INSPEC 1898-2008/Sep W4
 (c) 2008 Institution of Electrical Engineers
 File 35:Dissertation Abs Online 1861-2008/Oct
 (c) 2008 ProQuest Info&Learning
 File 65:Inside Conferences 1993-2008/Oct 30
 (c) 2008 BLDSC all rts. reserv.
 File 99:Wilson Appl. Sci & Tech Abs 1983-2008/Aug
 (c) 2008 The HW Wilson Co.
 File 144:Pascal 1973-2008/Oct W2
 (c) 2008 INIST/CNRS
 File 474:New York Times Abs 1969-2008/Oct 30
 (c) 2008 The New York Times
 File 475:Wall Street Journal Abs 1973-2008/Oct 29
 (c) 2008 The New York Times
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 Gale/Cengage
 File 256:TecInfoSource 82-2008/Jan
 (c) 2008 Info.Sources Inc

Set	Items	Description
S1	371	(PRINT OR PRINTER OR PRINTING) (3N) (AGENT?? OR MANAGER??) OR SPOOLER?? OR SPOOL() FOLDER?? OR (PRINT OR FILE) () (PATH OR PATHS)
S2	3591	(PRINT OR PRINTER OR PRINTING) (3N) (SERVICE OR SERVICES OR - UTILITY OR UTILITIES)
S3	5359797	NETWORK??? OR INTERFAC??? OR API OR CONNECT???? OR COORDINAT???? OR COMMUNICAT??? OR SEND??? OR SENT OR TRANSMIT???? OR TRANSMIS????
S4	8119	(PRINT OR PRINTER OR PRINTING) (3N) (JOB OR JOBS OR ACTIVITY OR ACTIVITIES OR OUTPUT OR OUTPUTS OR PRODUCT OR PRODUCTS OR - PRODUCTION OR CALL OR CALLS OR REQUEST OR REQUESTS)
S5	5260686	ACCOUNT??? OR AUDIT??? OR TRACK??? OR MONITOR??? OR RECORD??? OR REPORT??? OR DATA(3N) (COLLECT??? OR COLLECTION) OR OUTPUT(3N) MANAG?
S6	8031886	STATUS OR STATUSES OR COST OR COSTS OR EXPENSE OR EXPENSES OR RESOURCES OR CONSUMPTION OR PAPER OR PAPERS OR CARDSTOCK OR WEIGHT OR WEIGHTS OR COPIES OR PAGES OR # OR NUMBER OR NUMBERS OR USER OR USERS OR COLOR OR COLORS OR MONOCHROME
S7	803	S3 AND (S1 OR S2)
S8	1433477	S5 AND (S4 OR S6)
S9	91	S7 AND S8
S10	86	RD (unique items)
S11	75	S10 NOT PY>2000
S12	8	S3 AND (S1 AND S2)
S13	1026	S5 AND (S4 AND S6)
S14	12	S7 AND S13
S15	1893	S4 AND S5
S16	12	S15 AND S1
S17	28	S12 OR S14 OR S16
S18	27	RD (unique items)
S19	24	S18 NOT PY>2000

19/5/1 (Item 1 from file: 2)
 DIALOG(R)File 2:INSPEC
 (c) 2008 Institution of Electrical Engineers. All rts. reserv.
 07690460 INSPEC Abstract Number: C2000-10-5550-008
 Title: Design and implementation of a failsafe print system
 Author(s): Pultar, G.
 Conference Title: 13th Systems Administration Conference (LISA '99) p.
 219-27
 Publisher: USENIX Assoc, Berkeley, CA, USA
 Publication Date: 1999 Country of Publication: USA vi+282 pp.
 Material Identity Number: XX-1999-03248
 Conference Title: Proceedings of LISA'99: 13th System Administration
 Conference and Exhibition
 Conference Date: 7-12 Nov. 1999 Conference Location: Seattle, WA, USA
 Language: English Document Type: Conference Paper (PA)
 Treatment: Practical (P)
 Abstract: The paper describes a printing system designed for an
 environment with several hundred printers, such that there is no single
 point of failure, and the print service continues to be available to
 new print jobs , even if any part of the print system fails. The paper
 also describes the following ideas implemented in this system: use of a
 single queue name (myprinter) for almost all print jobs from the
 client; use of dynamically created print queues for each user (user
 -<username>); use of dynamically created print queues to manage low cost
 desktop printers that are directly attached to a user 's display device
 (local-<xterm>); integration of the print service with the Zephyr
 notification system to send print progress messages, error messages, as
 well as route print jobs based on user location as reported by the
 notification mechanism; ability to route print jobs from legacy systems
 to all printers in the system, without having to define all the printers on
 the legacy system (VM, VMS). The system was implemented using LPRng, taking
 advantage of its job routing, control file rewriting and dynamic printcap
 features. (9 Refs)
 Subfile: C
 Descriptors: batch processing (computers); DP management; ink jet
 printers; input-output programs; printing; scheduling
 Identifiers: failsafe print system; printing system; print service ;
 print jobs ; print system; single queue name; myprinter; dynamically
 created print queues; low cost desktop printers; user display device;
 Zephyr notification system; print progress messages; error messages; route
 print jobs ; user location; notification mechanism; legacy systems;
 LPRng; job routing; control file rewriting; dynamic printcap features
 Class Codes: C5550 (Printers, plotters and other hard-copy output
 devices); C6150J (Operating systems); C0310 (EDP management)
 Copyright 2000, IEE

19/5/2 (Item 2 from file: 2)
 DIALOG(R)File 2:INSPEC
 (c) 2008 Institution of Electrical Engineers. All rts. reserv.
 07478506 INSPEC Abstract Number: C2000-03-6150E-002
 Title: A print monitor setup utility
 Author(s): Zuoliu Ding
 Journal: Windows Developers Journal vol.11, no.1 p.31-2, 34-6
 Publisher: Miller Freeman,
 Publication Date: Jan. 2000 Country of Publication: USA

CODEN: WDJOFH ISSN: 1083-9887
SICI: 1083-9887(200001)11:1L:31:PMSU;1-6
Material Identity Number: F484-2000-001
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)

Abstract: An NT print monitor is a DLL that, among other things, handles communications between the spooler and the printing device. You might have to write your own print monitor if, for example, you need to support some kind of printer device that communicates via custom hardware rather than with a standard printer port. Users normally don't worry about installing a print monitor on NT, since this is handled transparently by whatever software is being installed. When developing your own print monitor, however, you may have to install and uninstall a print monitor many times while getting all the bugs out. While developing a print monitor, the author could find no way to uninstall his print monitor without using the Services applet to stop the NT spooler. In fact, he couldn't update the print monitor DLL while the spooler was running. So, every time he made a code change, he had to first stop the spooler, copy the new DLL into place, and then start the spooler to try out the new code. The author finally decided to create a print monitor setup program to automate installing and uninstalling print monitors; this automated the entire process so that he no longer had to deal with the Services applet, monitor.inf (which describes the monitor to NT), or even copying the DLL. The article presents MonSet, a monitor setup utility. With a single command, MonSet can install or remove a print monitor. (0 Refs)

Subfile: C

Descriptors: C listings; device drivers; operating systems (computers); printers; utility programs

Identifiers: print monitor setup utility ; NT print monitor; DLL; printing device; spooler ; printer device; custom hardware; Services applet; NT spooler ; print monitor DLL; MonSet

Class Codes: C6150E (General utility programs); C6150J (Operating systems); C5610P (Peripheral interfaces)

Copyright 2000, IEE

19/5/5 (Item 5 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2008 Institution of Electrical Engineers. All rts. reserv.
04795220 INSPEC Abstract Number: C91011048, D91000546

Title: PrintCache

Author(s): Hiatt, J.T.

Author Affiliation: Arbor Technol. Marketing, Ann Arbor, MI, USA

Journal: Computers in Accounting vol.6, no.8 p.146, 149

Publication Date: Oct. 1990 Country of Publication: USA

CODEN: CACCEA ISSN: 0883-1866

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Product Review (R)

Abstract: Many firms and practitioners are considering how they can increase system performance. The first thing many firms add is a laser printer. While laser printers add to productivity by producing collated, signature-ready returns, actual throughput can be disappointing. With most tax prep packages, the PC is not usable for anything else while a return is being printed. One solution for getting even more productivity out of ones laser printer is to use a print spooler such as PrintCache. PrintCache is an enhanced, and renamed version of LaserTORQ. Essentially, PrintCache

tricks your application into thinking that the print job is done when in fact you've sent the job to a buffer. (0 Refs)

Subfile: C D

Descriptors: accounting ; accounts data processing; laser printers; software packages; utility programs

Identifiers: Laser Tools Corporation; laser printer; tax prep packages; print spooler ; PrintCache; LaserTORQ; buffer

Class Codes: C6150E (General utility programs); C5550 (Printers, plotters and other hard-copy output devices); C7120 (Finance); D5030 (Printers and other peripherals); D2050B (Accounting)

19/5/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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04368795 INSPEC Abstract Number: C89033720

Title: Professional forms for the HP Laser Jet

Author(s): Parker, C.

Journal: HP World vol.2, no.2 p.147,49,52

Publication Date: Feb. 1989 Country of Publication: UK

CODEN: HPWOEY ISSN: 0953-4091

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The author discusses Spinner, a suite of programs which unleashes the power of the LaserJet 2000. Spinner intercepts and manages the output to the laser printer. It merges the output from the spooler with a pre-designed form before outputting it to the printer. Spinner is self-contained and doesn't require costly modifications to be made to applications programs. It is available for use by all systems running on the processor and can select and drive up to ten printers at full speed, each simultaneously printing different form layouts from a single spooled output. Using Spinner, customisation can be achieved simply and without having to change the applications program. Pre-printed stationery becomes obsolete, since Spinner can handle the laser form design completely. All fonts supported by the laser are available for use by Spinner, and things like company logos and signatures can be easily loaded using graphics. Spinner can also utilise forms and logos generated by external packages. (0 Refs)

Subfile: C

Descriptors: Hewlett Packard computers; input-output programs; laser printers; microcomputer applications; utility programs

Identifiers: Spinner; LaserJet 2000; laser printer; spooler ; fonts; company logos; signatures; graphics; forms

Class Codes: C6150E (General utility programs)

19/5/13 (Item 2 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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06532539

New consortium aims to change telecoms market

WORLD: XEROX LAUNCHES DOCUPRINT NETWORK PRINTERS

Computerworld (XCK) 16 Oct 1997 P.7

Language: ENGLISH

Xerox has launched its new DocuPrint N24 and N32 network printers

globally, in a bid to compete with Hewlett Packard's (HP) SSI Mopier in the mopier market. The two DocuPrint network printers can print 24 ppm and 32 ppm respectively, and cost between S\$ 3,700 and S\$ 4,500. Xerox will integrate its new PrinterMap software with its DocuPrint printers and the software is loaded onto a print server. An IT manager can view all printers on a network and obtain printer status reports. Mopiers are a network printers and copiers hybrid that transfers many large print jobs out of the copier room and onto the network. The mopier will perform several traditional copier functions like rapid speed printing, stapling and collating.

COMPANY: HP; HEWLETT PACKARD; XEROX
PRODUCT: Computer Printers (3573PW); Photocopiers (3861PH); Office & Computing Machines (3570);
EVENT: Product Design & Development (33);
COUNTRY: General Worldwide (0W); Japan (9JPN); United States (1USA);

19/5/17 (Item 6 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 Gale/Cengage. All rts. reserv.
04896076
Max Link Vax Print Way for Vines v3.5
UK - DIGITAL AREA NETWORKS LAUNCHES MAX LINK VAX PRINT WAY
Connexion (CXN) 5 February 1992 p30

Digital Area Networks has launched the Max Link Vax Print Way, designed for Banyan Vines Version 3.5. The product incorporates enhanced job management and multiplexing features. Multiplexing enables Dec Vax queue combinations to be accessed by a single Vines print queue. The job management features enable Vax users printing to Vines printer services to track print jobs at all stages of the printing process.

COMPANY: DIGITAL AREA NETWORKS
PRODUCT: Computer Printers (3573PW);
EVENT: NEW PRODUCT EXTENSION (33);
COUNTRY: United Kingdom (4UK); OECD Europe (415); NATO Countries (420); South East Asia Treaty Organisation (913);

19/5/18 (Item 7 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 Gale/Cengage. All rts. reserv.
04702488
Mitac bundles in software with desktops
UK - SOFTWARE TO BE BUNDLED WITH MITAC DESKTOP COMPUTERS
Computer Weekly (CRW) 12 December 1991 p15
ISSN: 0010-4787

Mitac (Taiwan), PC manufacturer, is to bundle five software packages, worth GBP250, with every desktop computer. By bundling the Antivirus, ADMPLUS, MCACHE, MSCAN and MSPPOOL utility packages with the desktop computers, Mitac aims to improve the performance of its Mistation PCs as well as helping users to prevent data loss or damage due to virus infection. Residing in a computer's memory, the Antivirus protection program is designed to prevent

data on a PC's hard disk drive being infected or lost. MSCAN has been developed by Mitac to stop viruses not stopped by Antivirus and works on both standalone and networked PCs. Details of these programs and the ADMPUS hard disk management program, the MCACHE disk caching program and the MSPool printer spooler utility are included in the article.**

COMPANY: MITAC
PRODUCT: Computer Software (7372); CAD/CAM Mechanical Software (COSW);
Microcomputers (3573MI);
EVENT: PRODUCT SPECIFICATIONS (34); MARKETING PROCEDURES (24);
COUNTRY: United Kingdom (4UK); OECD Europe (415); NATO Countries (420);
South East Asia Treaty Organisation (913);

19/5/19 (Item 8 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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04604208

xxx

US - SYSTEMS CENTER LAUNCHES PRINT SPOOLER
Computergram International (CGI) 29 October 1991 p1
ISSN: 0268-716X

The Unitech division of Systems Center (Reston, VA) is to launch a new print spooler. Print.Unet is described as a network print spooler for heterogeneous Unix environments, designed to simplify print queue management and optimise shared printer resources. Using Motif as its graphical user interface, the monitor enables users to submit or modify print jobs, check status, view and prioritise jobs in the queue. Users on one host can send a job to a remote host for execution, with job submission, queuing and printing all able to take place on different systems. Available in December for most Unix machines, the product supports most printers, but needs a Berkeley socket interface to TCP/IP. Pricing from USD1r5k for a ten-node network. The firm also has a new release of its Backup.Unet product, version 2.0, which also includes OSF/Motif and adds support for optical Jukeboxes.

COMPANY: SYSTEMS CENTER
PRODUCT: Optical Storage (3679OP); Computer Printers (3573PW);
EVENT: NEW PRODUCT EXTENSION (33);
COUNTRY: United States (1USA); NATO Countries (420); South East Asia
Treaty Organisation (913);

19/5/20 (Item 1 from file: 256)
DIALOG(R)File 256:TecInfoSource
(c) 2008 Info.Sources Inc. All rts. reserv.
02756229 DOCUMENT TYPE: Company
Software Shelf International Inc (756229)
601 Cleveland St #710
Clearwater, FL 33755 United States
TELEPHONE: (727) 445-1920
FAX: (727) 445-9223
HOMEPAGE: <http://www.softwaresshelf.com>
EMAIL: info@softwaresshelf.com
FILE SEGMENT: Directory
CONTACT: Sales Department

ORGANIZATION TYPE: Corporation
STATUS: Active

Software Shelf International Incorporated, founded in 1994 and based in Clearwater, Florida, develops Microsoft (R) Windows (R) network management products. The firm also distributes systems from third-party developers. Software Shelf International sells applications directly from its Web site. The company is known for the Print Manager Plus, Print Queue Manager, File-Rescue Plus, and SysAdmin products. Print Manager Plus tracks and reports on printing activities. The system supports a wide range of printers. The product also includes billing features. Software Shelf International offers U.S. and international customers technical support services. The firm maintains additional offices in the United Kingdom. Bill Feeley serves as the company's CEO.

SALES: NA
DATE FOUNDED: 1994
DESCRIPTORS: Network Utilities ; Print Utilities
REVISION DATE: 20040713

19/5/21 (Item 2 from file: 256)
DIALOG(R)File 256:TecInfoSource
(c) 2008 Info.Sources Inc. All rts. reserv.
02417327 DOCUMENT TYPE: Company
GraphiTech Computer Systems (417327)
14174 Larch Ave
Palm Beach Gardens, FL 33418 United States
TOLL FREE TELEPHONE NUMBER: (800) 634-8324
HOMEPAGE: <http://www.graphitech.com>
EMAIL: gtsys@aol.com

FILE SEGMENT: Directory
CONTACT: Sales Department
ORGANIZATION TYPE: Corporation
STATUS: Active

GraphiTech Computer Systems builds software to assist printing firm managers in job estimating, costing, and tracking, as well as shift reporting and accounting.

SALES: NA
DATE FOUNDED: 1963
DESCRIPTORS: Job Costing; Printing & Graphic Arts
REVISION DATE: 20040530

19/5/23 (Item 4 from file: 256)
DIALOG(R)File 256:TecInfoSource
(c) 2008 Info.Sources Inc. All rts. reserv.
00156050 DOCUMENT TYPE: Review
PRODUCT NAMES: Trueflow (017655); FreeFlow Print Manager (242616);
Adobe Acrobat Professional (583073); JDF (Job Definition Format) (847763)
TITLE: JDF in the Graphic Arts
AUTHOR: Cullen, Cheryl Dangel
SOURCE: Digital Output, v11 n6 p16(4) Jun 2005

ISSN: 1083-5121
HOMEPAGE: <http://www.digitalout.net>

FILE SEGMENT: Review
RECORD TYPE: Product Analysis

Job Definition Format (JDF) is becoming the markup language of choice in graphic arts applications. JDF is based on the XML file format that carries communications between designer and printer, automating workflow as it eliminates errors and increases production speed. Designers with JDF-enabled software prepare files for print production and then create a JDF including size, pagination, and other specifications. All this data is recast as a digital format and turned into a portable document file (PDF). Printers opening the file can load all job ticket information into the production system without any retyping or other manual input. Further, JDF's digital capabilities track cost estimates, scheduling, and any other essential information. Some industry observers see JDF as an information standard for communicating information across workflow platforms. As positive as this may sound, not all vendors have incorporated this technology. Approximately 80 products have some degree of JDF capability. Trueflow 3.0 from Screen USA is designed to manage production workflows. Included are Flatworker, an imposition solution, and Riteportal, which creates JDF from customer-entered information online. Xerox has FreeFlow Print Manager, enabling print devices to share one language while communicating print job instructions. Acrobat 7.0 Pro helps designers compile information that will be automatically formatted and sent to the printer along with the PDF. Whatever the package, JDF looks to be the next widely accepted graphics production standard.

COMPANY NAME: Screen USA Inc (621625); Xerox Corp (677141); Adobe Systems Inc (394173); TecTerms (999999)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Printing & Graphic Arts; Standards; Workflow; XML
REVISION DATE: 20080300

19/5/24 (Item 5 from file: 256)
DIALOG(R)File 256:TecInfoSource
(c) 2008 Info.Sources Inc. All rts. reserv.
00152373 DOCUMENT TYPE: Review
PRODUCT NAMES: Fortres 101 (599271); K-Meleon (224065)
TITLE: Overview of Public Access Computer Software Management Tools for...
AUTHOR: Wayne, Richard
SOURCE: Computers in Libraries, v24 n6 p24(6) Jun 2004
ISSN: 1041-7915
HOMEPAGE: <http://www.infotoday.com>

FILE SEGMENT: Review
RECORD TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Fortres Grand's Fortres 101, Kmeleon.org's K-Meleon, and Patrick M Kolla's Search & Destroy are among many highlighted, cost-effective tools that can be easily used in libraries to help management public access to computers. Tools highlighted are in the following categories: setup software, security programs, integrity maintenance software, browser control tools, antivirus software, antispyware software, patch management tools, session managers,

print management systems, system utilities , and some Microsoft software choices. No attention is given to address filtering, antispam, privacy, and network troubleshooting tools or to firewall software or some other categories of management tools. Microsoft's Virtual PC 2004 can assist with emulation of multiple operating system environments on one test computer, and CybraryN prevents changes to the configuration of a PC. Centurion Guard uses hardware and software for integrity maintenance that addresses corrupted software and extraneous data that has been collected. Public Web Browser controls Web browser sessions and provides a highly configurable interface that replaces the Internet Explorer (IE) interface . PC Reservation is a session manager that controls patron access to public acc computers, and LPT:one from EnvisionWare allows the library to set a price per page for printing, to establish the maximum number of pages that can be printed by a patron, and to set various different prices per printer.

COMPANY NAME: Fortres Grand Corp (613894); Open Source Technology Group
Inc (OSTG) (768481)
SPECIAL FEATURE: Buyers Guides
DESCRIPTORS: File Security; Internet Access; Internet Utilities; Libraries
; Library Automation; Network Administration; Network Software;
Spyware
REVISION DATE: 20070300

***Subject search – Non-Patent Literature, Full-Text

Results Set 1

Results Set 2

Results Set 1

File 15:ABI/Inform(R) 1971-2008/Oct 28
(c) 2008 ProQuest Info&Learning
File 20:Dialog Global Reporter 1997-2008/Oct 30
(c) 2008 Dialog
File 610:Business Wire 1999-2008/Oct 30
(c) 2008 Business Wire.
File 613:PR Newswire 1999-2008/Oct 30
(c) 2008 PR Newswire Association Inc
File 624:McGraw-Hill Publications 1985-2008/Oct 30
(c) 2008 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2008/Oct 29
(c) 2008 San Jose Mercury News
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	9493	(PRINT OR PRINTER OR PRINTING) (3N) (AGENT?? OR MANAGER??) OR SPOOLER?? OR SPOOL() FOLDER?? OR (PRINT OR FILE) () (PATH OR PATHS)
S2	71316	(PRINT OR PRINTER OR PRINTING) (3N) (SERVICE OR SERVICES OR - UTILITY OR UTILITIES)
S3	19232791	NETWORK??? OR INTERFAC??? OR API OR CONNECT???? OR COORDINAT???? OR COMMUNICAT???? OR SEND??? OR SENT OR TRANSMIT???? OR TRANSMIS????
S4	110553	(PRINT OR PRINTER OR PRINTING) (3N) (JOB OR JOBS OR ACTIVITY OR ACTIVITIES OR OUTPUT OR OUTPUTS OR PRODUCT OR PRODUCTS OR - PRODUCTION OR CALL OR CALLS OR REQUEST OR REQUESTS)
S5	28282314	ACCOUNT??? OR AUDIT??? OR TRACK??? OR MONITOR??? OR RECORD??? OR REPORT??? OR DATA(3N) (COLLECT??? OR COLLECTION) OR OUTPUT(3N) MANAG?
S6	3646054	S5(15N) (STATUS OR STATUSES OR COST OR COSTS OR EXPENSE OR - EXPENSES OR RESOURCES OR CONSUMPTION OR PAPER OR PAPERS OR CARDSTOCK OR WEIGHT OR WEIGHTS OR COPIES OR PAGES OR # OR NUMBER OR NUMBERS OR USER OR USERS OR COLOR OR COLORS OR MONOCHROME)
S7	18919	S3(S) (S1 OR S2)
S8	271	S7(S) S4(S) S6
S9	669	S3(S) (S1 AND S2)
S10	34	S9(S) S4(S) S6
S11	27	RD (unique items)
S12	12	S11 NOT PY>2000

12/3,K/1 (Item 1 from file: 15)
DIALOG(R) File 15:ABI/Inform(R)
(c) 2008 ProQuest Info&Learning. All rts. reserv.

01613710 02-64699
Painless printer management
Harbaugh, Logan
Informationweek n677 PP: 87-94 Apr 13, 1998
ISSN: 8750-6874 JRNL CODE: INWK
WORD COUNT: 1472

...TEXT: a Java application that manages multiple vendors' printers. It lets network managers install, configure, and monitor network printers through a graphical interface. End users can also use NPM to determine which printers are available and to find out the features of each printer before submitting a job. They can also use it to view the status of a printer. NPM communicates printer information to the desktop in real time. Once the Java NPM applet is launched...

12/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2008 ProQuest Info&Learning. All rts. reserv.
01210499 98-59894
Software for special printing needs
Anonymous
Macworld v13n6 PP: 120 Jun 1996
ISSN: 0741-8647 JRNL CODE: MAW
WORD COUNT: 562

...TEXT: servers have a number of other capabilities. They can maintain a print queue for each printer and send print jobs to the least busy printer. If a printer needs service, the system administrator can redirect jobs from its print queue. A low-priority print job can be deferred until after work hours. Font management makes sure that the printer has the fonts required for each print job. The server can also track who prints what, for billing or cost tracking. And frequently printed pages can be stored on the print server and reprinted without requiring the original application and...

12/3,K/3 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2008 Dialog. All rts. reserv.
11159701 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Software Shelf Releases Print Manager Plus(R) Version 2.7 for Windows 2000 to Control, Track or Quota Printing Across the Network - Reduces Costs of Network Administration
BUSINESS WIRE
May 23, 2000
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 737

... making it available for Help Desk staff, Library Desk staff, or anyone responsible for the network or printing services.
Print Manager Plus is a multi-platform, cost cutting enterprise management solution that enables administrators to easily...

12/3,K/4 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2008 Dialog. All rts. reserv.
09816518 (USE FORMAT 7 OR 9 FOR FULLTEXT)
EFI's powerful Command WorkStation will be available for Aficio 850
BUSINESS WIRE
February 29, 2000
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 352

... users to download fonts, PostScript, and PCL files directly to the Fiery, which accelerates the printing process. All Fiery utilities for the controller are cross-platform, supporting both Mac OS and Windows clients. Seamless network operability is provided with EFI's NetWise(TM) network architecture, delivering broad, flexible network support for fast and easy connectivity in a variety of environments. The controller supports TCP/IP, IPX/SPX, and AppleTalk protocols, with Ethernet 10/100BaseT connections as standard. TCP/IP and IPX/SPX are supported over Ethernet. NetWise also provides peer-to-peer printing, enabling Windows 95/98 and NT printing using SMB over TCP/IP connections. Moreover, NetWise utilizes Auto IP and IPX Auto Frame for simplified Fiery setup. NetWise allows Windows users to easily print to the controller without using a dedicated network server or secondary print utility such as LPR Spooler.

12/3,K/5 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2008 Dialog. All rts. reserv.
08017996 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Software Shelf Showcases Leading Windows NT And 2000 Enterprise Printing Solutions At Xplor International's 20th Global Conference Los Angeles Convention Center
PR NEWSWIRE
November 01, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 850

... for administrators who want to quickly find trouble spots and get them solved before end-users' problems bottleneck.
PRINT MANAGER PLUS: Print Manager Plus features include not only tracking and auditing pages printed by user but setting quotas on pages printed per user or user group or printer. It has the ability to set a maximum allowable page count on...

12/3,K/6 (Item 4 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2008 Dialog. All rts. reserv.
06297899 (USE FORMAT 7 OR 9 FOR FULLTEXT)
EFI Announces Pi6200 Controller with Fiery X2 Technology for the Minolta Di620 and Di520 Digital Black & White Printer/Copier
BUSINESS WIRE
July 20, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1067

... PostScript and PCL files as well as fonts directly to the Fiery, which accelerates the printing process. All Fiery utilities for the Pi6200 controller are cross-platform supporting both Mac OS and Windows clients.

-- Seamless...

12/3,K/7 (Item 5 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2008 Dialog. All rts. reserv.
03093868
Wallace to Serve as Primary Print Vendor and Print Manager for Astra Pharmaceuticals, L.P. (Westboro, Mass. Operations)
PR NEWSWIRE
October 13, 1998
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 434

... president of Wallace Integrated Graphics. Wallace is recognized as the leading provider of supplies and print management services to Fortune 1000 companies through its Integrated Supply Management and Total Print Management programs. The...

12/3,K/8 (Item 6 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2008 Dialog. All rts. reserv.
02635184 (USE FORMAT 7 OR 9 FOR FULLTEXT)
IBM InfoPrint Manager Expands To Intranets, Workgroups
Jacqueline Emigh
NEWSBYTES
August 26, 1998
JOURNAL CODE: FNEW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 432

... 3.1 and Tivoli's Destiny software, network administrators can now track the status of print jobs directly InfoPrint Manager 3.1 also adds the ability to route jobs to fax machines and e-mail...

12/3,K/9 (Item 7 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2008 Dialog. All rts. reserv.
01383406 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Software Shelf(TM) Releases Print Manager Plus(TM) Version 2.5 For Windows NT(R) to Control, Track or Quota Print Jobs or Pages Printed Across Domains by Administrators Remotely
PR NEWSWIRE
April 15, 1998 9:21
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 552

... making it available for Help Desk staff, Library Desk staff, or anyone responsible for the network or printing services.

Print Manager Plus is a multi-platform, cost cutting enterprise management solution that enables administrators to easily...

...users at his fingertips, in real time or at his convenience. He can view every user or user group on a network from one window, quota their pages or track numbers of pages they print. The administrator can deny printing of documents by file type or if over...

12/3,K/10 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2008 Business Wire. All rts. reserv.
00204622 2000022906080490 (USE FORMAT 7 FOR FULLTEXT)
EFI And Ricoh Team Up To Deliver A High Performance Networked Solution For
The 85-Page-Per-Minute Aficio 850 -- Segment Five Will Never Be The Same
Business Wire
Tuesday, February 29, 2000 09:03 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 1,112

...and change job parameters from their desktops. Fiery WebSpooler(TM) provides an intuitive graphical user interface for queue management, including quickly reprinting jobs and changing job priorities. Additionally, within Fiery WebSpooler, users can benefit from the job log feature for accurate tracking of print jobs, a plus for commercial operations. The Fiery Downloader(TM) utility allows users to download fonts, PostScript, and PCL files directly to the Fiery, which accelerates the printing process. All Fiery utilities for the controller are cross-platform, supporting both Mac OS and Windows clients. Seamless network operability is provided with EFI's NetWise(TM) network architecture, delivering broad, flexible network support for fast and easy connectivity in a variety of environments. The controller supports TCP/IP, IPX/SPX, and AppleTalk protocols, with Ethernet 10/100BaseT connections as standard. TCP/IP and IPX/SPX are supported over Ethernet. NetWise also provides peer-to-peer printing, enabling Windows 95/98 and NT printing using SMB over TCP/IP connections. Moreover, NetWise utilizes Auto IP and IPX Auto Frame for simplified Fiery setup. NetWise allows Windows users to easily print to the controller without using a dedicated network server or secondary print utility such as LPR Spooler. Fully configured, the RICOH Aficio 850 offers six paper sources for a total on-line...

12/3,K/11 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.
1182788 NYM062
Software Shelf Int'l Licensed by Microsoft to Use Microsoft(R)
BackOffice(TM) Logo on Print Manager Plus Version 1.0 for Windows NT(R)
Operating System

DATE: November 10, 1997 10:00 EST WORD COUNT: 536

... much of the printer accounting and tracking power of UNIX and Novell to Windows NT."

Print Manager Plus is management software that enables administrators to control, track , and quota printing of users or printers across a domain or network . It includes Print Queue Manager which provides a centralized system to control printer queues. It shows all jobs of all printers from one window. The administrator can control in real time every queued print job or document on the print server.

Mr. Feeley added, "Companies can now easily find out...

12/3,K/12 (Item 2 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.
1170365 LAM060
Print Manager Plus Version 1.0 Released for Windows NT(R)

DATE: October 20, 1997 10:00 EDT WORD COUNT: 526

...to bring the printer accounting and tracking power of UNIX and Novell to Windows NT.

Print Manager Plus is enterprise management software that enables administrators to control, track , and quota printing of users or printers across a domain or network . It includes Print Queue Manager which provides a centralized system to quota printers and control printer queues. It shows all...

... of all printers from one window. The administrator can control in real time every queued print job on the print server.

Total Cost of Ownership is reduced in colleges and universities where routinely thousands of...

Results Set 2

File 9:Business & Industry(R) Jul/1994-2008/Oct 28
(c) 2008 Gale/Cengage
File 16:Gale Group PROMT(R) 1990-2008/Oct 22
(c) 2008 Gale/Cengage
File 148:Gale Group Trade & Industry DB 1976-2008/Oct 27
(c) 2008 Gale/Cengage
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2008/Oct 17
(c) 2008 Gale/Cengage
File 621:Gale Group New Prod.Annou.(R) 1985-2008/Oct 08

Set	Items	Description
S1	19603	(PRINT OR PRINTER OR PRINTING) (3N) (AGENT?? OR MANAGER??) OR SPOOLER?? OR SPOOL() FOLDER?? OR (PRINT OR FILE) () (PATH OR PATHS)
S2	113019	(PRINT OR PRINTER OR PRINTING) (3N) (SERVICE OR SERVICES OR - UTILITY OR UTILITIES)
S3	17105499	NETWORK??? OR INTERFAC??? OR API OR CONNECT???? OR COORDINAT???? OR COMMUNICAT???? OR SEND??? OR SENT OR TRANSMIT???? OR TRANSMIS????
S4	150684	(PRINT OR PRINTER OR PRINTING) (3N) (JOB OR JOBS OR ACTIVITY OR ACTIVITIES OR OUTPUT OR OUTPUTS OR PRODUCT OR PRODUCTS OR - PRODUCTION OR CALL OR CALLS OR REQUEST OR REQUESTS)
S5	20002520	ACCOUNT??? OR AUDIT??? OR TRACK??? OR MONITOR??? OR RECORD??? OR REPORT??? OR DATA (3N) (COLLECT??? OR COLLECTION) OR OUTPUT (3N) MANAG?
S6	3572457	S5 (15N) (STATUS OR STATUSES OR COST OR COSTS OR EXPENSE OR - EXPENSES OR RESOURCES OR CONSUMPTION OR PAPER OR PAPERS OR CARDSTOCK OR WEIGHT OR WEIGHTS OR COPIES OR PAGES OR # OR NUMBER OR NUMBERS OR USER OR USERS OR COLOR OR COLORS OR MONOCHROME)
S7	1692	S3 (S) (S1 AND S2)
S8	68	S7 (S) S4 (S) S6
S9	42	RD (unique items)
S10	39	S9 NOT PY>2000

10/3,K/1 (Item 1 from file: 9)
 DIALOG(R)File 9:Business & Industry(R)
 (c) 2008 Gale/Cengage. All rts. reserv.
 01240540 Supplier Number: 23873174
 Seybold - Agfa Develops PDF-Based Publishing Production Systems
 (Agfa to introduce the Apogee publishing production system, which will integrate computer to plate and digital printing operations with Internet, intranet, and CD-ROM publishing)
 Newsbytes News Network, p N/A
 April 24, 1997
 DOCUMENT TYPE: Journal (United States)
 LANGUAGE: English RECORD TYPE: Fulltext
 WORD COUNT: 458

ABSTRACT:

...to automate all areas of traditional pre-press work, including creation, trapping, imposition, RIPping, job tracking, and color management. Through Apogee, which includes a "PDF Pilot" production manager, PDF raster image processor (RIP) and "Print Drive" output manager, the designer creates content using standard desktop publishing applications and converts it to a PDF...

...or an intranet. The final result is a PDF or PostScript file that can be sent to an image setter or proofer, or used for CD-ROM or Internet publishing.

TEXT:

...to automate all areas of traditional pre-press work, including creation, trapping, imposition, RIPping, job tracking, and color management, John Harrison, Agfa's image processing system manager, told Newsbytes. "PDF is the ideal open standard format for platform independent job processing in and between job shops, service bureaus and print shops," Harrison told Newsbytes. "It brings all the functionality needed in the next generation workflow..."

...Through Apogee, which includes a "PDF Pilot" production manager, PDF raster image processor (RIP) and "Print Drive" output manager, the designer creates content using standard desktop publishing applications and converts it to a PDF...

...setting or imposition." "The final result is a PDF or PostScript file that can be sent to an image setter or proofer, or used for CD-ROM or Internet publishing," he...

...the "printer checks or adapts the imposition templates and trapping settings in the PDF file, sends it to an imposition proofer and outputs the job to his PDF RIP. He then...

...201-440-0111 x4204; e-mail mark.sullivan.b@bayer.com Reported by Newsbytes News Network : <http://www.newsbytes.com>)

10/3,K/2 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2008 Gale/Cengage. All rts. reserv.
08042495 Supplier Number: 66156539 (USE FORMAT 7 FOR FULLTEXT)
InfoPrint Solution for Higher Education.(Technology Information)
Troska, Richard J.
Enterprise Systems Journal, v15, n10, p26
Oct, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 589

... electronic account billing. To use the system, a student or faculty member types in a user name and password;
Infoprint Manager tracks the number of pages printed and charges the user's account. Infoprint Manager allows the University of Illinois to take advantage of other benefits of e-commerce: When a user finishes printing, Infoprint Manager sends an e-mail to the user, listing each print job and the amount charged. The new system allows users to print any popular file format...

10/3,K/3 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2008 Gale/Cengage. All rts. reserv.
07391564 Supplier Number: 62256662 (USE FORMAT 7 FOR FULLTEXT)
Software Shelf Releases Print Manager Plus(R) Version 2.7 for Windows 2000 to Control, Track or Quota Printing Across the Network - Reduces Costs of Network Administration.

Business Wire, p1062
May 23, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 747

... Windows the functions which are vitally needed and omitted from Windows in the area of printer management.

Print Manager Plus features include not only tracking how many pages users print but also setting quotas on pages printed per user or group per printer. The quota functions also can set a maximum allowable page count on any single print job. Administrators can see and manage from one console all printers, users or queues on the...

...making it available for Help Desk staff, Library Desk staff, or anyone responsible for the network or printing services.

Print Manager Plus is a multi-platform, cost cutting enterprise management solution that enables administrators to easily...

10/3,K/4 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2008 Gale/Cengage. All rts. reserv.
07076993 Supplier Number: 59640917 (USE FORMAT 7 FOR FULLTEXT)
EFI And Ricoh Team Up To Deliver A High Performance Networked Solution For
The 85-Page-Per-Minute Aficio 850 -- Segment Five Will Never Be The Same.
Business Wire, p1364
Feb 29, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1158

... and change job parameters from their desktops. Fiery WebSpooler(TM) provides an intuitive graphical user interface for queue management, including quickly reprinting jobs and changing job priorities. Additionally, within Fiery WebSpooler, users can benefit from the job log feature for accurate tracking of print jobs, a plus for commercial operations. The Fiery Downloader(TM) utility allows users to download fonts, PostScript, and PCL files directly to the Fiery, which accelerates the printing process. All Fiery utilities for the controller are cross-platform, supporting both Mac OS and Windows clients. Seamless network operability is provided with EFI's NetWise(TM) network architecture, delivering broad, flexible network support for fast and easy connectivity in a variety of environments. The controller supports TCP/IP, IPX/SPX, and AppleTalk protocols, with Ethernet 10/100BaseT connections as standard. TCP/IP and IPX/SPX are supported over Ethernet. NetWise also provides peer-to-peer printing, enabling Windows 95/98 and NT printing using SMB over TCP/IP connections. Moreover, NetWise utilizes Auto IP and IPX Auto Frame for simplified Fiery setup. NetWise allows Windows users to easily print to the controller without using a dedicated network server or secondary print utility such as LPR Spooler. ;;;Fully configured, the RICOH Aficio 850 offers six paper sources for...

10/3,K/5 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2008 Gale/Cengage. All rts. reserv.
07054703 Supplier Number: 58467808 (USE FORMAT 7 FOR FULLTEXT)
On Demand Technologies: Cluster Printing Head-to-Head with
DocuTechs.(Company Business and Marketing)
Alexander, George
The Seybold Report on Publishing Systems, v28, n21, pNA
August 9, 1999
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 5305

... an NT server as a print spooler, and it can handle many hours' worth of printing , managing the printing activities of several LaserJets at once. In this job, only the first page contains variable data. The rest are just a selection from a library of preformatted pages . Database records control the selection.

Most of ODT's jobs don't require printing on multiple colors of stock, but ODT often uses colored stock to separate sets in the output stack...

10/3,K/6 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2008 Gale/Cengage. All rts. reserv.
06772625 Supplier Number: 57037261 (USE FORMAT 7 FOR FULLTEXT)
Software Shelf Showcases Leading Windows NT And 2000 Enterprise Printing Solutions At Xplor International's 20th Global Conference Los Angeles Convention Center.
PR Newswire, p3131
Nov 1, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 855

... up to date at all times on situations affecting the network or their own personal print jobs .

PRINT CONSOLE: Installed on any NT Workstation or Server on the network, it shows all printers and queues from one console. Its remote management capabilities extend well beyond the print management utilities provided in Windows NT. Print Console detects printing errors and highlights them to the administrator...

...for administrators who want to quickly find trouble spots and get them solved before end- users ' problems bottleneck.

PRINT MANAGER PLUS: Print Manager Plus features include not only tracking and auditing pages printed by user but setting quotas on pages printed per user or user group or printer. It has the ability to set a maximum allowable page count on...

10/3,K/7 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2008 Gale/Cengage. All rts. reserv.
06328053 Supplier Number: 54594127 (USE FORMAT 7 FOR FULLTEXT)
IBM Infoprint 20, 32, 40.(laser printers)(Hardware Review)(Evaluation)
Poor, Alfred
PC Magazine, p200(1)

June 8, 1999
Language: English Record Type: Fulltext
Article Type: Evaluation
Document Type: Magazine/Journal; General Trade
Word Count: 640

... 1,440). These printers are best suited for text applications.

All three models use IBM Network Printer Manager (NPM) administrative software and configuration tools. Setup for Windows NT was relatively easy using the NPM software, but for NetWare you have to use the NetWare printer management utilities, which are not as convenient, as they are not wizard-based. NPM can also be...

...this is also true of Canon's NetSpot software). The software includes a special port monitor, for use on Windows NT installations, that extends the print job status and notification features. Although NPM allows you to view the status of each printer, including...

10/3,K/8 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2008 Gale/Cengage. All rts. reserv.
05712595 Supplier Number: 50173631 (USE FORMAT 7 FOR FULLTEXT)
Network Printers Take the Workgroup -- Uncork Printing Bottlenecks And
Offer More Options With These Workgroup Workhorses
Tam, Sun Ying
VARbusiness, v14, n15, p77
July 20, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Magazine/Journal; Trade
Word Count: 3207

ABSTRACT:

TEXT:

...faster print engines are expected to grow faster than any other segment of the monochrome network -printer arena. Printer vendors have responded by offering products boasting better paper handling, higher monthly...

...them when needed. This decreases unnecessary use of copiers, and increases the use of the network printer. So today's printers are experiencing heavier loads. In this review, we tested printers...

...of 20 ppm or higher, along with 16 MB of RAM. Seven manufacturers provided monochrome network laser printers for this roundup: Apple Computer Inc., Hewlett-Packard Co., IBM Corp., Lexmark International...

...for an office that prints graphics-intensive documents. Setting up this printer on our test network was quite difficult. It doesn't come with an LCD panel for easy assignment of...

...allows assignment of IP addresses from a RARP or BootP server only. Since our test network is not attached to either of those, we made a physical connection to a computer. We also had to order an IEEE 1284C printer cable to connect the printer as it uses the newer 1284C parallel interface. Granted, this problem occurs for NT-only networks without BootP or RARP servers, but it's a problem for anyone setting up in...

...configures the printer's ports and imaging options, however, it is primitive in functionality and interface when compared with the Lexmark or HP tools. Performance of the printer is poor compared...

...its standard PostScript Level 3 support and large format printing. But its lack of robust network management software and poor performance make it hard to recommend. VAR FACTS Product: Apple LaserWriter...

...the correct installation. The unit uses HP's JetAdmin as its printer-management tool. The interface is clean and intuitive. The JetAdmin utility is excellent and supports a range of features...and good average first-page-out times make the 8000DN a good choice for small print jobs. Finally, the printer's good performance will not be a hit to the network as it chalked up the second-smallest print file size generated. Print quality is excellent...

...However, that's where the similarities stop. The InfoPrint 20 clearly outperforms the LaserWriter. The printer offers good output quality with excellent network management and has decent and very consistent performance. Software setup of the printer is simplified...

...it tops out at only 30 pounds. IBM ships the printer with the Java-based Network Printer Manager. The utility is excellent and provides an easy way to monitor and control printers. It can run...

...problem regarding the utility is its sluggish response. The initial scan of printers on the network as well as information gathering of the printer's settings are noticeably slower than those...

...IBM InfoPrint 20 Price: \$3,096 In Short: Average performance, but the printer has excellent network management tools and paper handling. Vendor: IBM Corp., Somers, N.Y. (800) 426-3333 www...

...of the setup considerably. Once the physical setup was finished, getting the printer on our network was among the easiest of any printer in the group. It comes with an easy...

...cluttered, the tool is one of the most robust in the roundup. It provides the network administrator with a solid set of management features. It can set alarms, track usage statistics, adjust paper settings, adjust buffering, track average time per page, duplex usage and more. MarkVision also has a Web-based version...the best. VAR FACTS Product: Lexmark Optra S 2455n Price: \$2,849 In Short: Superb network management tool and performance that is second only to the Xerox DocuPrint N32. Vendor: Lexmark...

...was a breeze. We ran into a slight problem installing the printer to our test network. Strangely, the printer did not ship with Windows NT drivers. We had to download the...

...utility offers management functions to perform very basic printer management in a simple and intuitive interface. However, it comes nowhere near the capabilities that are offered by some of the more...

10/3,K/9 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2008 Gale/Cengage. All rts. reserv.
05562243 Supplier Number: 48425846 (USE FORMAT 7 FOR FULLTEXT)
Software Shelf(TM) Releases Print Manager Plus(TM) Version 2.5 For Windows
NT(R) to Control, Track or Quota Print Jobs or Pages Printed Across
Domains by Administrators Remotely
PR Newswire, p0415SFW044
April 15, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 762

... system and helps bring it up to par with the rich features of
Unix."
New Print Manager Plus features include not only tracking or
setting quotas on pages printed per user or user group or printer but
also the ability to set a maximum allowable page count on any single print
job . Also administrators can see and manage from one console all
printers, users or queues on...

...making it available for Help Desk staff, Library Desk staff, or anyone
responsible for the network or printing services .
Print Manager Plus is a multi-platform, cost cutting enterprise
management solution that enables administrators to easily...

...users at his fingertips, in real time or at his convenience. He can view
every user or user group on a network from one window, quota their
pages or track numbers of pages they print. The administrator can
deny printing of documents by file type or if over...

10/3,K/10 (Item 9 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2008 Gale/Cengage. All rts. reserv.
05557127 Supplier Number: 48419760 (USE FORMAT 7 FOR FULLTEXT)
Painless Printer Management -- Tired of the headaches that come with
running myriad printers? Several products and services now let you manage
multiple printers from a single console
Harbaugh, Logan
InformationWeek, p87
April 13, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 1398

... a Java application that manages multiple vendors' printers. It lets
network managers install, configure, and monitor network printers through
a graphical interface. End users can also use NPM to determine which
printers are available and to find out the features of each printer
before submitting a job . They can also use it to view the status of a
printer. NPM communicates printer information to the desktop in real
time. Once the Java NPM applet is launched...

10/3,K/11 (Item 10 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2008 Gale/Cengage. All rts. reserv.
04527502 Supplier Number: 46652377 (USE FORMAT 7 FOR FULLTEXT)
QMS Extends Print System Support for Windows NT-Based Systems
News Release, pN/A
August 26, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 597

ABSTRACT:

TEXT:

...Inc. (NYSE:AQM) today announced extended support for QMS print systems in the Windows NT network operating system through a new QMS Print Monitor for Windows NT. In addition to the Intel platform, the QMS Print Monitor for Microsoft Windows NT enables users working with any NT compatible computing platform, including DEC Alpha, MIPS and Power PC systems, to integrate QMS' complete range of network and image printing features into their environment. "Adding a broad range of support options for...

...a key aspect of our strategy to offer the most complete range of high performance network printing solutions in the industry," said Melvin Evans, Product Manager for QMS. "QMS Print Monitor will enable a diverse cross-section of NT users to have access to powerful printing services, strengthening the range of QMS output choices that network managers have when purchasing NT workstations and servers." The QMS Print Monitor for Windows NT is a workstation or server-level utility designed to enable users of QMS Crown printers to seamlessly and efficiently transport print jobs and printer status information across TCP/IP networks. Using QMS Print Monitor for Windows NT, users are able to send print jobs across the network directly to QMS Crown print systems, and are able to access status information about print jobs and print queues via the Windows NT Print Monitor. QMS Crown Printers QMS offers a complete range of monochrome laser print systems with 10 to 45 pageper-minute (ppm) speeds, and color laser printers...

...software loadable upgradability, automatic compatibility with popular printing languages, and seamless connectivity to virtually any network environment. QMS laser printers incorporate unique.SLS (software loadable system) technology for easy and cost-effective addition of system upgrades and enhancements via the network or host PC. QMS CrownNet provides simultaneous network protocol support for multiple users, advanced remote printer management and accounting capabilities, and easy flash-loading of network operating system upgrades. Pricing and Availability The QMS Windows Print Monitor utility is available immediately for the complete line of QMS Crown printers, and is shipping with...

10/3,K/12 (Item 11 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2008 Gale/Cengage. All rts. reserv.
04205649 Supplier Number: 46151137 (USE FORMAT 7 FOR FULLTEXT)
HEWLETT-PACKARD TAPS IBM FOR PRINT SYSTEMS MANAGEMENT SOFTWARE
Computergram International, n2852, pN/A
Feb 15, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade

Word Count: 365

TEXT:

...753), IBM Corp has won fellow Distributed Computing Environment adherent Hewlett-Packard Co for its Print Systems Manager software designed to manage networks of distributed printers from a Unix console. IBM currently has Print Systems Manager up under AIX 3.2 and DCE 1.0x. It has had to delay a...

...the Distributed Environment time to "settle down." Hewlett-Packard will show an early release of Print Systems Manager on HP-UX at UniForum this week, but is not saying when it will begin selling the software. Print Systems Manager is based on the ISO DPA Palladium print model standard and requires a Distributed Environment...

...remember the Remote Procedure Call wars are still being fought and you'll understand why Print Systems Manager is facing off against a rival distributed print management mechanism called Printxchange backed by Digital...

...Eastman Kodak Co and Novell Inc. Printxchange is based on the same print standards as Print Systems Manager and does not require the Distributed Environment. It will however run on the Sun-derived Open Network Computing distributed computing environment but is nowhere near being a product yet. Beta code is...

...claiming the resulting software will be bundled free of charge or available unbundled at no cost. The other player, Dazel Corp already offers its Output Management System for print management on Unix. Although SunSoft et al claimed to have drawn Novell Inc's NetWare...

...to Printxchange at their announcement last year and say their mechanism will include NetWare directory print services, Hewlett-Packard is confident its new relationship with Novell on Unix will lure the same services to Print Systems Manager. So far no Printxchange adherents have taken up IBM's offer to license Print Systems Manager and although IBM and Hewlett-Packard "understand the need for interoperability," they say the "Printxchange..."

10/3,K/13 (Item 12 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2008 Gale/Cengage. All rts. reserv.
01386565 Supplier Number: 41649133 (USE FORMAT 7 FOR FULLTEXT)
Living With Network Printing: Five Settings, Four Strategies
Network Computing, p77
Nov, 1990
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 3962

... server's drive and print their jobs locally at the server.
While off-the-shelf products exist to allow printing from devices attached to workstations anywhere on a NetWare network, Lawrence prefers dedicated print servers...

...entire processor." The print server also shows the state of its attached

printers on its monitor with messages such as "out of paper " or "toner bottle full." With a user 's workstation doing print service in the background, such messages would not be displayed. SCE and its consultants are working on a remote console program, which would allow any appropriate workstation on the network to access the information displayed on the print server's screen.

Singer and Lawrence recognize...

10/3,K/14 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c) 2008 Gale/Cengage. All rts. reserv.
10332567 SUPPLIER NUMBER: 20930624 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Network Printers Take the Workgroup -- Uncork Printing Bottlenecks And
Offer More Options With These Workgroup Workhorses.(large workgroup
printer market expects exponential growth) (Industry Trend or Event)
Tam, Sun Ying
VARbusiness, v14, n15, p77(1)
July 20, 1998
ISSN: 0894-5802 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 3506 LINE COUNT: 00267

TEXT:

...provides the network administrator with a solid set of management features. It can set alarms, track usage statistics, adjust paper settings, adjust buffering, track average time per page, duplex usage and more. MarkVision also has a Web-based version...the best. VAR FACTS
Product: Lexmark Optra S 2455n Price: \$2,849 In Short: Superb network
-management tool and performance that is second only to the Xerox DocuPrint N32. Vendor: Lexmark...

...was a breeze. We ran into a slight problem installing the printer to our test network . Strangely, the printer did not ship with Windows NT drivers. We had to download the...

...utility offers management functions to perform very basic printer management in a simple and intuitive interface . However, it comes nowhere near the capabilities that are offered by some of the more...

...functionality than the management tool. The printer is not a solid performer for the busy network . The only bright spot was its excellent ability to handle text. Scores of 11.8...

...among the PCL printers. This makes this printer a poor solution for a heavy-traffic network environment. If you're on a tight budget and looking for a printer that'll...

...that, setup of the Okidata printer was very easy with Okidata's OKIview utility. The utility automatically finds the printer and allows you to set up the necessary IP addresses, subnet mask and gateway at...

10/3,K/15 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c) 2008 Gale/Cengage. All rts. reserv.

10131142 SUPPLIER NUMBER: 20511629 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Painless Printer Management -- Tired of the headaches that come with
 running myriad printers? Several products and services now let you manage
 multiple printers from a single console. (Industry Trend or Event)
Harbaugh, Logan
InformationWeek, n677, p87(4)
April 13, 1998
ISSN: 8750-6874 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1499 LINE COUNT: 00123

... NPM to determine which printers are available and to find out the
features of each printer before submitting a job . They can also use it
to view the status of a printer. NPM communicates printer information to
the desktop in real time. Once the Java NPM applet is launched...

10/3,K/16 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c) 2008 Gale/Cengage. All rts. reserv.
09856131 SUPPLIER NUMBER: 19967686 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Software Shelf Int'l Licensed by Microsoft to Use Microsoft(R)
 BackOffice(TM) Logo on Print Manager Plus Version 1.0 for Windows NT(R)
 Operating System
PR Newswire, pl110NYM062
Nov 10, 1997
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 590 LINE COUNT: 00053

... of all printers from one window. The administrator can control in
real time every queued print job or document on the print server.
 Mr. Feeley added, "Companies can now easily find out..."

10/3,K/17 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c) 2008 Gale/Cengage. All rts. reserv.
09799577 SUPPLIER NUMBER: 19902057 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Print Manager Plus Version 1.0 Released for Windows NT(R)
PR Newswire, pl020LAM060
Oct 20, 1997
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 574 LINE COUNT: 00051

... of all printers from one window. The administrator can control in
real time every queued print job on the print server.
 Total Cost of Ownership is reduced in colleges and universities where
routinely thousands of...

10/3,K/18 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c) 2008 Gale/Cengage. All rts. reserv.
09409453 SUPPLIER NUMBER: 19288566 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Agfa tones up Chromapress. (Personalizer-X software, IntelliStream hardware
 front-end, PrintCast distributed printing service for ChromaPress digital
 presses)(Product Announcement)
Morgenstern, David

MacWEEK, v11, n14, p8(2)

April 7, 1997

DOCUMENT TYPE: Product Announcement ISSN: 0892-8118 LANGUAGE:

English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 427 LINE COUNT: 00038

...ABSTRACT: a Chromapress hardware front end that will provide document management and data-compression features. Agfa reports that new units will automatically include IntelliStream, but current users can upgrade for \$75,000. IntelliStream sits between the printing engine and the hardware PostScript...

10/3,K/21 (Item 8 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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08025408 SUPPLIER NUMBER: 17354922 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Prism Software Corp. receives investment from Threshold Technology Partners L.P.

Business Wire, p7260025

July 26, 1995

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 492 LINE COUNT: 00053

... at a small fraction of the cost of industry standard desktop printers. Prism Software's Print Manager products convert the standard PC page definition languages, Hewlett Packard PCL(tm) and Adobe PostScript(r...

...remote document printing from various computer environments, including stand-alone PCs, multiple PCs, Novell(r) network and mainframe systems. Prism Software distributes its products throughout North America, Europe and Asia through direct sales and a network of systems integrators. Product development, sales and marketing, training, and technical support are provided from...

10/3,K/22 (Item 9 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07760708 SUPPLIER NUMBER: 16735122 (USE FORMAT 7 OR 9 FOR FULL TEXT)

HP to offer cross-platform printer control across networks.

Quinlan, Tom; Miner, Nicola

InfoWorld, v17, n13, p6(1)

March 27, 1995

ISSN: 0199-6649 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 426 LINE COUNT: 00035

...ABSTRACT: to check print queues, switch printing tasks between network printers and monitor the status of print jobs .

10/3,K/23 (Item 10 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07471686 SUPPLIER NUMBER: 15568065 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Peirce delivers GX print util. (Peirce Print Tools)(Brief Article) (Product

Announcement)
Morgenstern, David
MacWEEK, v8, n28, p73(1)
July 11, 1994
DOCUMENT TYPE: Product Announcement ISSN: 0892-8118 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 239 LINE COUNT: 00018

... a tracking utility. Cover pages can automatically be added to documents, assisting users when sorting jobs in a printer output tray.

The InkSaver module can control the level of ink or toner applied to pages...

10/3,K/24 (Item 11 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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06722022 SUPPLIER NUMBER: 14446360 (USE FORMAT 7 OR 9 FOR FULL TEXT)
PrintCache 3.1: high-speed printing that gives voice to your printer.
(Software Review) (printer enhancement software)(First Looks)
(Evaluation)
Mendelson, Edward
PC Magazine, v12, n19, p48(1)
Nov 9, 1993
DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 445 LINE COUNT: 00033

...ABSTRACT: the page at any time. PrintCache works with all printers but gives thorough on-screen status reports with the LaserJet 4 and 4M. There are some minor shortcomings; users cannot reorder or cancel individual print jobs, but most network users already have these features.

10/3,K/25 (Item 12 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c) 2008 Gale/Cengage. All rts. reserv.
06095817 SUPPLIER NUMBER: 12404742 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Make 'em pay: billing net usage. (charge-back systems)
Waltz, Mitzi
MacWEEK, v6, n27, p24(2)
July 27, 1992
ISSN: 0892-8118 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1153 LINE COUNT: 00089

... Xinet Corp. of Berkeley, Calif., said his company's K-Spool 6.0 spooler will track usage of any PostScript printer on a network, letting managers pass printing costs back to individuals or departments. "It logs the job only if it was actually printed, not just sent," he said. "With color printers, it could cost as much as \$5 per page to...

10/3,K/26 (Item 13 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

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05753425 SUPPLIER NUMBER: 11716628 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Mosaic gives managers tight rein on printing. (Insight Development Corp.'s
printer server) (Software Review) (PC Week Labs First Look) (Evaluation)
Kramer, Matt
PC Week, v9, n2, p51(2)
Jan 13, 1992
DOCUMENT TYPE: Evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 755 LINE COUNT: 00062

...ABSTRACT: main printer server and distributed to individual printers as they need to be used. The accounting package not only tracks jobs but also keeps track of use of paper and other supplies as is necessary for departmental or user chargebacks. Mosaic does what its publisher claims, but not always easily because of its confusing...

...procedures can be confusing. Mosaic is also less intelligent than competitors in its directing of print jobs and the connection of printers. Mosaic costs \$1,595 for 10 printers.

10/3,K/28 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01946802 SUPPLIER NUMBER: 18214988 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Heavy-duty printers: Macworld Lab picks the best printers for your
workgroup to count on. (13 workgroup printers reviewed) (includes related
article on printing software) (Hardware Review) (Evaluation)
Lu, Cary
Macworld, v13, n6, p116(9)
June, 1996
DOCUMENT TYPE: Evaluation ISSN: 0741-8647 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 5019 LINE COUNT: 00382

... servers have a number of other capabilities. They can maintain a print queue for each printer and send print jobs to the least busy printer. If a printer needs service, the system administrator can redirect jobs from its print queue. A low-priority print job can be deferred until after work hours. Font management makes sure that the printer has the fonts required for each print job. The server can also track who prints what, for billing or cost tracking. And frequently printed pages can be stored on the print server and reprinted without requiring the original application and...

10/3,K/29 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01937759 SUPPLIER NUMBER: 18280558 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The news that's fit to print. (network printing) (Product Information)
Gott, Bill
LAN Magazine, v11, n6, p113(4)
June, 1996
ISSN: 1069-5621 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3027 LINE COUNT: 00256

... and status information for system users and provides users with maximum control over their own print jobs : Users can release, hold, or delete their print jobs from the queue and can view print options that report status changes. A pop-up window appears when DS/P identifies a printing problem, regardless of...

10/3,K/30 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2008 Gale/Cengage. All rts. reserv.
01824094 SUPPLIER NUMBER: 17187277 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Networking. (Microsoft's operating system; Microsoft Press' 'Windows 95 Resource Kit)(Windows 95: Microsoft's Resource Kit)(Tutorial)(Transcript)
Li-Ron, Yael
PC/Computing, v8, n9, p414(9)
Sep, 1995
DOCUMENT TYPE: Tutorial Transcript ISSN: 0899-1847 LANGUAGE:
English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 8989 LINE COUNT: 00728

... in a workgroup, you might want to run WinPopup on a computer running File and Printer Sharing services. Every computer in the workgroup that uses shared resources on this computer can also run WinPopup. On each client computer, WinPopup can report messages from the printer (such as notification that a print job has been completed). Or administrators can send messages to users and computers in the workgroup with pop-up notification.

To remove WinPopup...

10/3,K/31 (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01802466 SUPPLIER NUMBER: 17112458 (USE FORMAT 7 OR 9 FOR FULL TEXT)
In the year 1995.(network printing with Windows 95)(includes related buyers' guide of print servers)
Gott, Bill
LAN Magazine, v10, n6, p105(10)
June, 1995
ISSN: 0898-0012 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2811 LINE COUNT: 00230

... and CrownNet network interface cards. According to Gable, the new Windows 95 spooler will give users easier access to advanced features such as N-up printing and print job accounting offered by the QMS Crown architecture. N-up provides the capability to print a specified number of pages in reduced size on one actual printed page. The print job accounting feature keeps track of usage so costs can be assigned back to certain users and departments.

COLORS LOOK BRIGHTER

Windows 95 incorporates Image Color Matching support (ICM), which enables applications to achieve...

10/3,K/32 (Item 5 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

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01593132 SUPPLIER NUMBER: 13667445 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Network printers. (six network printers are evaluated) (includes related
articles on the review process, high-volume printers, paper recycling,
fonts, print speed, copy functions, and dependability) (Hardware Review)
(Evaluation)
Cornwell, Dwight; Longworth, Elizabeth
Corporate Computing, v2, n4, p86(16)
April, 1993
DOCUMENT TYPE: Evaluation ISSN: 1065-8610 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 7090 LINE COUNT: 00541

... all offer a range of network management via third-party software.
However, only the DEC printer offers accounting services. All offer
roomy input, output, and envelope trays; print spooling; status
recovery; and error recovery, though the latter two features have different
levels of sophistication among...

10/3,K/33 (Item 6 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01538302 SUPPLIER NUMBER: 12732567 (USE FORMAT 7 OR 9 FOR FULL TEXT)
LAN Manager in a multi-vendor world. (Software Review) (LAN Manager 2.1
from Microsoft Corp. and LAN Manager/X 1.3 from Hewlett-Packard) (local
area network) (Evaluation)
Culberson, Chris M.
LAN Technology, v8, n10, p95(6)
Oct, 1992
DOCUMENT TYPE: Evaluation ISSN: 1042-4695 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 5045 LINE COUNT: 00390

... basic redirector to hold memory requirements to an absolute
minimum, while getting standard file and print services. However, to
realize the full potential of LAN Manager, you should install the enhanced
redirector. It supports the full Microsoft API specification, along with
Named Pipes, which lets you move blocks of data between separate processors
...

...such as client-server databases. The enhanced redirector also lets
DOS/Windows or OS/2 users browse network server resources, connect
to those resources, manage their accounts, and print output queues.
All of this can be accomplished easily from within Windows 3.x, OS/2
Presentation Manager (PM), or LAN Manager's fullscreen "NET" graphical user
interface (GUI), or from the DOS command line.

Also new to this release is Microsoft's...

10/3,K/35 (Item 8 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01442670 SUPPLIER NUMBER: 11037079 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Insight to a print server. (Insight Development Corp. introduces Insight

Mosaic) (New Products) (product announcement)

LAN Technology, v7, n8, p90(1)

August, 1991

DOCUMENT TYPE: product announcement

ISSN: 1042-4695

LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 398 LINE COUNT: 00031

... the menu.

The product can restrict access to a printer or group of printers, inform users if their jobs can't print, and display printer status reports. Network managers can selectively assign user privileges, store user profiles, and retrieve printer definitions. Advanced features can be made transparent to the user. As users become more proficient with the system, the network manager can enable more of the features. An option for the print server is a program that can provide complete resource accounting. Mosaic can track the use of all printers, fonts, font cartridges, average pages per job, and related costs for both individual users and the entire network.

Mosaic requires an IBM AT or compatible with 640 Kbytes of RAM and a 20...

10/3,K/36 (Item 9 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01335416 SUPPLIER NUMBER: 08261760

LANSpool. (Software Review) (Lan Systems' local area network print server software) (evaluation)

Ivie, Scott

LAN Times, v7, n3, p126(1)

March, 1990

DOCUMENT TYPE: evaluation

ISSN: 1040-5917

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: a background mode as NetWare value-added process (VAP) on a file server, enabling any networked workstation to be a print station, and in a dedicated mode on a specific workstation for heavy use of a connected printer with minimal end-user interference. LANSpool features include use of several NetWare print utilities for assigning and managing print queues, form support in the background mode, a Status program for monitoring the print station and current activity and LANprint for selecting a printer and print job without leaving an application. The easy-to-install software offers good performance and documentation.

10/3,K/37 (Item 10 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01208336 SUPPLIER NUMBER: 04756915 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Hot Print. (Software Review) (utility program) (evaluation)

Marks, Howard

PC Magazine, v6, n7, p281(2)

April 14, 1987

DOCUMENT TYPE: evaluation

ISSN: 0888-8507

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 548 LINE COUNT: 00040

...ABSTRACT: incorporates a program that attaches a communique to a supervisor file to create a basic audit trail with date, time, and user stamping. The sophisticated timeout function is used to start and to conclude print jobs when production has halted. The program offers transparent printer support on various file servers. Overall, the program is an effective print spooler enhancer for the NetWare network management program; however, Hot Print is not recommended for nontechnical persons.

10/3,K/38 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2008 Gale/Cengage. All rts. reserv.
02771306 Supplier Number: 45623656 (USE FORMAT 7 FOR FULLTEXT)
IBM ANNOUNCES NEW SOFTWARE TO EXTEND RISC SYSTEM/ 6000 PERFORMANCE,
CAPABILITIES AND INTEROPERABILITY
M2 Presswire, pN/A
June 23, 1995
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 2292

... 0, SunOS** 4.1.3, and Sun Solaris** 2.3 client systems.
The new IBM PRINTING SYSTEM MANAGER * (PSM*) FOR AIX, Version 1.1, and the new IBM PRINTING SYSTEM MANAGER GRAPHICAL USER INTERFACE FOR AIX, Version 1.1, together offer customers the ability to centrally manage heterogeneous printing environments through an easy-to-use graphical user interface. Systems administrators can remotely configure and monitor printers, print servers, print queues, and print jobs in the network. PSM gives AIX, OS/2, and Windows end users the ability to manage printers from a remote site, get information about printers on the network and route their jobs to specific printers. PSM uses DCE services to authorise user printer access and authenticate each print request, while providing network support for distributed printing.
IBM PRINT SERVICES FACILITY* (PSF*) FOR AIX, Version 2.1, provides customers high-speed, high-quality production printing...

10/3,K/39 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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02679485 Supplier Number: 45433267 (USE FORMAT 7 FOR FULLTEXT)
OSM LAUNCHES NETWORK-AWARE, DISTRIBUTED PRINT MANAGEMENT SOLUTION,
COS/PRINT
M2 Presswire, pN/A
March 30, 1995
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 652

... resources in enterprise-scale distributed computing environments.
COS/ Print overcomes the limitations of conventional print spoolers or Unix printing utilities in distributed systems. For example, print jobs, once sent, are not lost within the network. COS/Print maintains active control of the printing process until the job is produced. This allows monitoring of job status, for example successful

completion, and modification of print queues to stop, re-assign, or prioritise jobs . Secondly, COS/ Print actively manages enterprise print resources by assigning users to classes with configurable privileges and security levels, and also scheduling jobs according to priorities assigned on a per-queue or per- job basis.

"COS/ Print gives mainframe-class print management facilities to organisations with distributed, Unix-based computing networks," said...